

# JBC

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**smartTec**  
smart technology products and solutions



PRICE LIST **16.1**

# Compact line

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## CD-S

Precision Soldering station



## CD-B

Soldering station



## CF

Solder Feed station



## CP

Micro Tweezers station



## CS/CV

Desoldering stations



# Modular line

## Control Units

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### DI

1 Tool



### MS / MV

Desoldering Modules



### DDE

2 Tools



### DME

4 Tools



### MSE / MVE

Desoldering Modules



## Stands

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### AP-SD



### PA-SD



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### DR-SD



## Tools

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### T245

### T470

Soldering Iron Handles



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### PA120

Micro Tweezers



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### DS360

Micro Desoldering Iron



### DR560

Desoldering Iron



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### CLMS

Automatic Junior Tip Cleaner



### CLMB

Automatic Senior Tip Cleaner



## Premium line

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### AL

Auto-Feed Soldering station  
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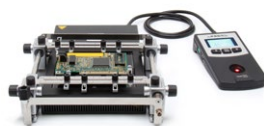
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## Compact line



### Soldering stations

#### CD-2SE 230V · Precision Soldering station

395,00 €

##### Product Composition:

- CD-E Control Unit
- T210-A Precision Purpose Handle
- C210-001 and C210-008 Cartridges

Uses C210 Cartridge range



#### CD-2BE 230V · Soldering station

395,00 €

##### Product Composition:

- CD-E Control Unit
- T245-A General Purposes Handle
- C245-903 and C245-741 Cartridges

Uses C245 Cartridge range



#### CF-2E 230V · Solder Feed station

540,00 €

For repetitive soldering or when you need to keep one hand free

##### Product Composition:

- CF-E Control Unit
- AP130-A Solder Feed Iron
- C130-403 Cartridge

Uses C130 Cartridge range





## Rework station

### CP-2E 230V · Micro Tweezers station

575,00 €

#### Product Composition:

- CP-E Control Unit
- PA120-A Micro Tweezers
- 2 x C120-002 Cartridges

Uses C120 Cartridge range



## Desoldering stations

### CS-2E 230V · Micro Desoldering station with Electric Pump

1.080,00 €

#### Product Composition:

- CSV-E Control Unit
- DS360-A Micro Desoldering Iron
- C360-004 Tip
- MS-A Electric Desoldering Module

Uses C360 Tip range



### CV-2E 230V · Micro Desoldering station with Pneumatic Pump

1.080,00 €

#### Product Composition:

- CSV-E Control Unit
- DS360-A Micro Desoldering Iron
- C360-004 Tip
- MV-A Pneumatic Desoldering Module

Uses C360 Tip range



## Premium line

### Soldering stations

#### DIR-2D 230V · Precision Soldering station

595.00 €

##### Product Composition:

- DI-D Control Unit
- AD-SD Stand
- T210-A Precision Purpose Handle
- C210-001 Cartridge
- CL9885 Tip Cleaner

Uses C210 Cartridge range



#### DIT-2D 230V · Soldering station

595.00 €

##### Product Composition:

- DI-D Control Unit
- AD-SD Stand
- T245-A General Purposes Handle
- C245-903 Cartridge
- CL9885 Tip Cleaner

Uses C245 Cartridge range



## Desoldering stations

### DSS-2D 230V · Micro Desoldering station with Electric Pump

1.330,00 €

#### Product Composition:

- DI-D Control Unit
- DS-SD Stand
- DS360-A Micro Desoldering Iron
- C360-002 and C360-004 Tips
- MS-A Electric Desoldering Module
- CL9885 Tip Cleaner
- Accessories set

Uses C360 Tip range



### DIS-2D 230V · Desoldering station with Electric Pump

1.300,00 €

#### Product Composition:

- DI-D Control Unit
- DR-SD Stand
- DR560-A Desoldering Iron
- C560-004, C560-005 and C560-013 Tips
- MS-A Electric Desoldering Module
- CL9885 Tip Cleaner
- Accessories set

Uses C560 Tip range



### DIV-2D 230V · Desoldering station with Pneumatic Pump

1.300,00 €

#### Product Composition:

- DI-D Control Unit
- DR-SD Stand
- DR560-A Desoldering Iron
- C560-004, C560-005 and C560-013 Tips
- MV-A Pneumatic Desoldering Module
- CL9885 Tip Cleaner
- Accessories set

Uses C560 Tip range



## Premium line

### Rework stations

#### DDSE-2B 230V · Rework station with Electric Pump

1.575,00 €

##### Product Composition:

- DDE-B Control Unit
- AD-SD and DR-SD Stands
- T245-A General Purposes Handle
- DR560-A Desoldering Iron
- C245-903 and C245-906 Cartridges
- C560-004, C560-005 and C560-013 Tips
- MSE-A Electric Desoldering Module
- CL9885 Tip Cleaner
- Tools and Accessories set

Uses C245 Cartridges and C560 Tips



#### DDVE-2B 230V · Rework station with Pneumatic Pump

1.575,00 €

##### Product Composition:

- DDE-B Control Unit
- AD-SD and DR-SD Stands
- T245-A General Purposes Handle
- DR560-A Desoldering Iron
- C245-903 and C245-906 Cartridges
- C560-004, C560-005 and C560-013 Tips
- MVE-A Pneumatic Desoldering Module
- CL9885 Tip Cleaner
- Tools and Accessories set

Uses C245 Cartridges and C560 Tips



## Rework stations

### DMSE-2A 230V · 4 Tools Rework station with Electric Pump

1.800.00 €

#### Product Composition:

- DME-A Control Unit
- AD-SD and DR-SD Stands
- T245-A General Purposes Handle
- DR560-A Desoldering Iron
- C245-903 and C245-906 Cartridges
- C560-004, C560-005 and C560-013 Tips
- MSE-A Electric Desoldering Module
- CL9885 Tip Cleaner
- Tools and Accessories set

Uses C245 Cartridges and C560 Tips



### DMVE-2A 230V · 4 Tools Rework station with Pneumatic Pump

1.800.00 €

#### Product Composition:

- DME-A Control Unit
- AD-SD and DR-SD Stands
- T245-A General Purposes Handle
- DR560-A Desoldering Iron
- C245-903 and C245-906 Cartridges
- C560-004, C560-005 and C560-013 Tips
- MVE-A Pneumatic Desoldering Module
- CL9885 Tip Cleaner
- Tools and Accessories set

Uses C245 Cartridges and C560 Tips



## Premium line

### Complete Rework stations

#### RMSE-2C 230V · Complete Rework station with Electric Pump

3.050,00 €

##### Product Composition:

- DDE-B & JTE-D Control Units
- AD-SD, DR-SD & JT-SD Stands
- T245-A General Purposes Handle
- DR560-A Desoldering Iron
- JT-T2A Heater Hose set
- T260-A Pick & Place
- C245-903 and C245-906 Cartridges
- C560-004, C560-005 and C560-013 Tips
- MSE-A Electric Desoldering Module
- CL9885 Tip Cleaner
- Accessories set
- \*Extractor Desk with 3 extractors, 5 protectors and 2 tripods  
(\*see Extractor Desk composition on page 15)



Uses C245 Cartridges, C560 Tips and JN Nozzles

#### RMVE-2C 230V · Complete Rework station with Pneumatic Pump

3.050,00 €

##### Product Composition:

- DDE-B & JTE-D Control Units
- AD-SD, DR-SD & JT-SD Stands
- T245-A General Purposes Handle
- DR560-A Desoldering Iron
- JT-T2A Heater Hose set
- T260-A Pick & Place
- C245-903 and C245-906 Cartridges
- C560-004, C560-005 and C560-013 Tips
- MVE-A Pneumatic Desoldering Module
- CL9885 Tip Cleaner
- Accessories set
- \*Extractor Desk with 3 extractors, 5 protectors and 2 tripods  
(\*see Extractor Desk composition on page 15)



Uses C245 Cartridges, C560 Tips and JN Nozzles.

## Stations for Robot

### HDRE-2B 230V · HDE station for Robot

690,00 €

#### Product Composition:

- HDE-B Control Unit
- CHB-A Converter
- T470-SA HD Purpose Handle with 3m cable
- Cartridge is not included

Uses C470 Cartridge range



### DDRE-2B 230V · DDE station for Robot

690,00 €

#### Product Composition:

- DDE-B Control Unit
- CHB-A Converter
- T470-SA HD Purpose Handle with 3m cable
- Cartridge is not included

Uses C245 Cartridge range



### CHB-A · Converter

60,00 €

For DDE and HDE  
Control units



## Premium line

### Nano stations

#### NASE-2B 230V · Nano Rework station

1.040,00 €

##### Product Composition:

- NAE-B Control Unit
- **NT105-A** Nano Handle
- **NP105-B** Steady Nano Tweezers
- Cartridge set (Ref. 0011568):  
**C105-101, C105-103, C105-107, C105-112**  
**C105-105 (x2), C105-113 (x2)**

Uses C105 Cartridge range



#### N1738 · Sleeves

5,50 €

Sleeves for NP105-A



#### NANE-2B 230V · Nano Soldering station

970,00 €

##### Product Composition:

- NAE-B Control Unit
- **NT105-A** Nano Handle (x2)
- Cartridge set (Ref. 0011568):  
**C105-101, C105-103, C105-107, C105-112**  
**C105-105 (x2), C105-113 (x2)**

Uses C105 Cartridge range



#### 0016079 · Grips

8,50 €

Grips for Nano Tools

Supplied in boxes  
of 4 units



#### A1205 · Extension cable

53,00 €

For NP105 and NT105



#### CL2466 · Metal Brush

10,00 €

For NANE and NASE



## Soldering station for intensive jobs

### HDE-2B 230V · Heavy Duty Soldering station

900.00 €

#### Product Composition:

- HDE-B Control Unit
- HD-SD Stand
- T470-A HD Purpose Handle
- CL9885 Tip Cleaner
- Cartridges are not included

Uses C470 Cartridge range



### KHT470A · HT470 + HDT Stand Kit

370.00 €

Two HDE Control Units are needed



## Auto-Feed Soldering station

### AL-2A 230V · Auto-feed Soldering station

1.220.00 €

#### Product Composition:

- AL-A Control Unit
- AL-SD Stand
- AL250-B Auto-Feed Iron
- C250-403 Cartridge
- CL9885 Tip Cleaner
- Tubes and set guides for: wires Ø 0,9 - 1 mm - 0002401

Uses C250 Cartridge range



### AL-1A · Arm Support

420.00 €

Hands Free Soldering  
Arm for AL250-B.

P-005 Pedal is needed



## Premium line

### Hot Air stations

#### TE-2D 230V · Precision Hot Air station

1.550,00 €

##### Product Composition:

- JTE-D Control Unit
- **TE-SD** Stand
- **TE-TB** Precision Heater Hose Set 300W
- Accessories set
- \*Extractor Desk with 3 extractors, 5 protectors and 2 tripods  
(\*see Extractor Desk composition on page 13)

Uses TN Nozzles



#### TE-2QD 230V · Precision Hot Air station without Extractor Desk

1.260,00 €

##### Product Composition:

- JTE-D Control Unit
- **TE-SD** Stand
- **TE-TB** Precision Heater Hose Set 300W
- **TN9208, TN9209 and TN9080** Nozzles

Uses TN Nozzles



#### JT-2D 230V · Hot Air station

1.620,00 €

##### Product Composition:

- JTE-D Control Unit
- **JT-SD** Stand
- **JT-T2A** Heater Hose Set 1000W
- Accessories set
- \*Extractor Desk with 3 extractors, 5 protectors and 2 tripods  
(\*see Extractor Desk composition on page 13)

Uses JN Nozzles



#### JT-2QD 230V · Hot Air station without Extractor Desk

1.330,00 €

##### Product Composition:

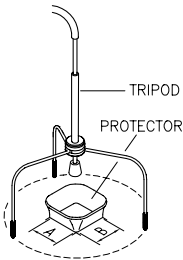
- JTE-D Control Unit
- **JT-SD** Stand
- **JT-T2A** Heater Hose Set 1000W
- **JN2012, JN2015 and JN2020** Nozzles

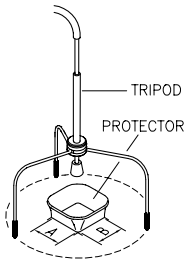
Uses JN Nozzles



## JT & TE Accessories

### Protectors

|                                                                                                                                                                        | Ref.    | Size (mm) | Price € |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------|
| <br> | P3353   | 4,3 x 3   | 12,00   |
|                                                                                                                                                                        | P3786   | 5,2 x 5,2 | 12,00   |
|                                                                                                                                                                        | P3352   | 5,2 x 7,5 | 12,00   |
|                                                                                                                                                                        | P3355   | 5,2 x 9,5 | 12,00   |
|                                                                                                                                                                        | P3356   | 6,2 x 4,2 | 12,00   |
|                                                                                                                                                                        | P3785   | 7,2 x 7,2 | 12,00   |
|                                                                                                                                                                        | P3784   | 8,2 x 8,2 | 12,00   |
|                                                                                                                                                                        | P4035   | 9 x 13    | 12,00   |
|                                                                                                                                                                        | P4040   | 9,5 x 19  | 12,00   |
|                                                                                                                                                                        | P4080   | 9,5 x 21  | 12,00   |
|                                                                                                                                                                        | P2220 * | 10 x 10   | 12,00   |
|                                                                                                                                                                        | P4045   | 10,5 x 21 | 12,00   |
|                                                                                                                                                                        | P4090   | 11 x 16   | 12,00   |
|                                                                                                                                                                        | P2235 * | 12 x 17   | 12,00   |
|                                                                                                                                                                        | P1249   | 12 x 23   | 12,00   |

|                                                                                                                                                                          | Ref.    | Size (mm)   | Price € |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|---------|
| <br> | P4000 * | 12,5 x 12,5 | 12,00   |
|                                                                                                                                                                          | P1593   | 13 x 31,5   | 12,00   |
|                                                                                                                                                                          | P3354   | 13,2 x 13,2 | 12,00   |
|                                                                                                                                                                          | P4025   | 13,5 x 21,5 | 12,00   |
|                                                                                                                                                                          | P2230 * | 15 x 15     | 12,00   |
|                                                                                                                                                                          | P4010 * | 17 x 17     | 12,00   |
|                                                                                                                                                                          | P4005   | 18 x 29     | 12,00   |
|                                                                                                                                                                          | P4030   | 18,5 x 18,5 | 12,00   |
|                                                                                                                                                                          | P1068   | 18,5 x 24   | 12,00   |
|                                                                                                                                                                          | P2685   | 28,5 x 28,5 | 12,00   |
|                                                                                                                                                                          | P4085   | 31,5 x 31,5 | 12,00   |
|                                                                                                                                                                          | P2672   | 33 x 46     | 12,00   |
|                                                                                                                                                                          | P4002   | 50 x 50     | 35,00   |
|                                                                                                                                                                          | P3357   | 52,5 x 14   | 44,00   |

\*Supplied with JT & TE Extractor Desk

### Extractors

|                                                                                     | Ref.    | Size (mm)   | Price € |
|-------------------------------------------------------------------------------------|---------|-------------|---------|
|  | E2052 * | 20 x 20     | 33,00   |
|                                                                                     | E2064 * | 20 x 26     | 33,00   |
|                                                                                     | E2184 * | 24 x 24     | 33,00   |
|                                                                                     | E2068   | 27 x 27     | 33,00   |
|                                                                                     | E4020   | 28,5 x 28,5 | 33,00   |
|                                                                                     | E4015   | 31,5 x 31,5 | 33,00   |
|                                                                                     | E2084   | 33 x 33     | 33,00   |
|                                                                                     | E2100   | 38 x 38     | 33,00   |
|                                                                                     | E2124   | 45 x 45     | 33,00   |

\*Supplied with JT & TE Extractor Desk

### Tripods

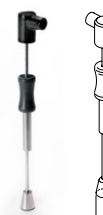
| Ref.    | Size (mm) | Price € |
|---------|-----------|---------|
| T2050 * | Ø 39      | 40,00   |
| T2250 * | Ø 85      | 40,00   |

\*Supplied with JT & TE Extractor Desk



### Manual Extractor

| Ref.  | Size (mm) | Price € |
|-------|-----------|---------|
| E2190 | Ø 7       | 33,00   |



### JT Nozzles

|                                                                                                 | Ref.    | Size (mm) | Price € |
|-------------------------------------------------------------------------------------------------|---------|-----------|---------|
| Bent<br>     | JN2015* | Ø 4       | 16,00   |
|                                                                                                 | JN2012* | Ø 6       | 16,00   |
|                                                                                                 | JN6633  | Ø 8       | 16,00   |
| Straight<br> | JN2020* | Ø 8       | 14,00   |
|                                                                                                 | JN8417  | Ø 10      | 14,00   |
| Flat<br>     | JN7638  | 10 x 2    | 35,00   |
|                                                                                                 | JN7637  | 20 x 2    | 35,00   |
|                                                                                                 | JN7639  | 30 x 2    | 35,00   |

\*Supplied with JT & TE Extractor Desk

### TE Nozzles

|                                                                                                  | Ref.    | Size (mm) | Price € |
|--------------------------------------------------------------------------------------------------|---------|-----------|---------|
| Bent<br>     | TN9787  | Ø 3       | 15,00   |
|                                                                                                  | TN9785  | Ø 4       | 15,00   |
|                                                                                                  | TN9782  | Ø 5       | 15,00   |
| Straight<br> | TN9209* | Ø 3       | 9,00    |
|                                                                                                  | TN9208* | Ø 4       | 9,00    |
|                                                                                                  | TN9080* | Ø 5       | 9,00    |

\*Supplied with JT & TE Extractor Desk

## Premium line

### IR Preheater System

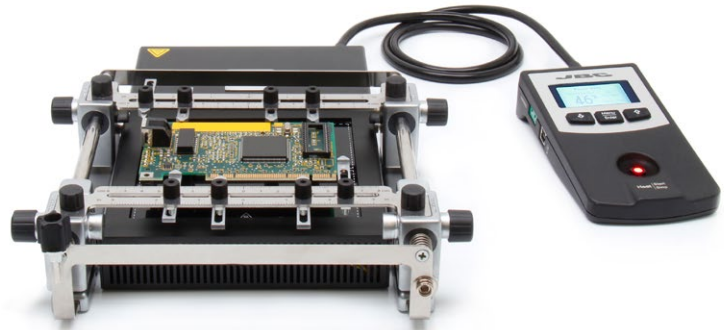
#### PHS-2KB 230V · IR Preheater Set

1.260,00 €

Complete system for preheating multilayer PCBs

##### Product Composition:

- PHS-B Heater Unit
- PH Console for process control
- **PHS-SA** IR Preheater Support
- **PH218** Thermocouple Type K
- **PH217** Kapton Tape



#### PHS-2B 230V · IR Preheater

1.050,00 €

##### Product Composition:

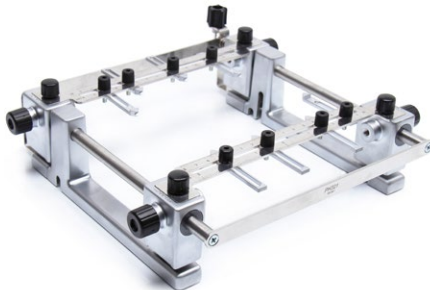
- PHS-B Heater Unit
- PH Console for process control
- **PH218** Thermocouple Type K
- **PH217** Kapton Tape



#### PHS-SA · IR Preheater Support

300,00 €

Dimensions: 267 x 259 x 75 mm  
Maximum height: 96 mm



#### PH218 · Thermocouple type K

48,00 €



#### PH217 · Kapton Tape

27,00 €



#### PH222 · Thermally conductive Tape

175,00 €

Dimensions: 50 mm



#### PH223 · Thermally conductive Tape

100,00 €

Dimensions: 25 mm



## Convection Preheater System

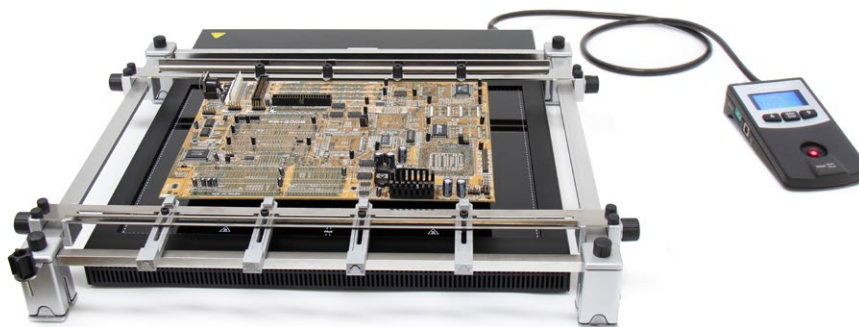
### PHB-2KA 230V · Convection Preheater Set

2.800,00 €

Complete system for preheating multilayer PCBs

#### Product Composition:

- PHB-A Heater Unit
- PH Console for process control
- **PHB-SA** Convection Preheater Support
- **PH218** Thermocouple Type K
- **PH217** Kapton Tape

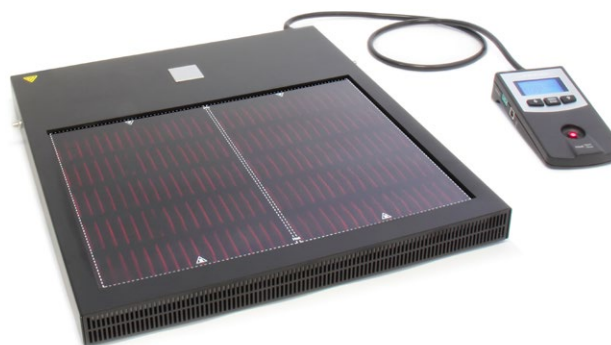


### PHB-2A 230V · Convection Preheater

2.250,00 €

#### Product Composition:

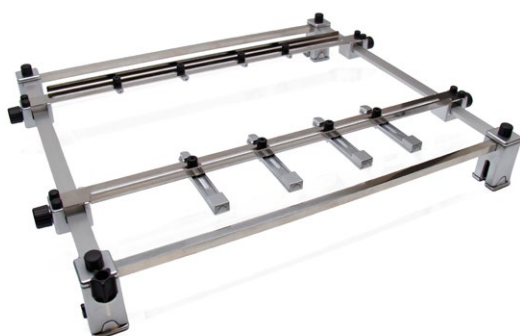
- PHB-A Heater Unit
- PH Console for process control
- **PH218** Thermocouple Type K
- **PH217** Kapton Tape



### PHB-SA · Convection Preheater Support

590,00 €

Dimensions: 432 x 514 x 78 mm  
Maximum height: 98 mm



### RWB-A · Rework Arm

610,00 €

Dimensions: 50 x 480 x 550 mm



# Modular line

## Control Units & Modules

### DI-2D 230V · 1 Tool

395,00 €



### MS-A · Electric Desoldering Module

350,00 €

Connectable to **CS/CV Compact** stations and **DI, DD** and **DM** Control units



### MV-A · Pneumatic Desoldering Module

350,00 €

Connectable to **CS/CV Compact** stations and **DI, DD** and **DM** Control units



### FS500-2A 230V · Fume Extractor Switch

345,00 €

Connectable to **DI, DD** and **DM** Control units



### GN-A\* · Nitrogen Generator Module

1.760,00 €

Powered by compressed air unit



### MN-A · Nitrogen Regulator

465,00 €

Connectable to **DI, DD** and **DM** Control units



### KN-A · Nitrogen kit

665,00 €

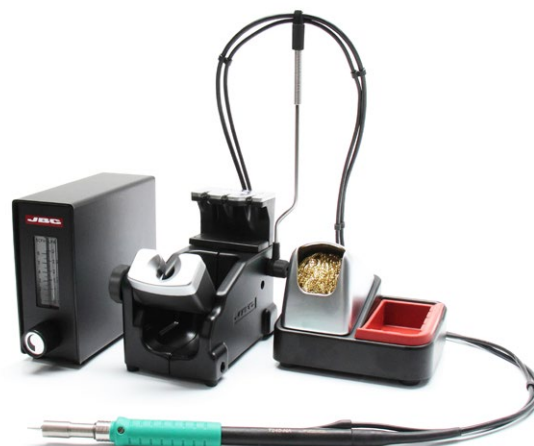
Connectable to the **DI, DD** and **DM** Control Units

#### Product Composition:

- **MN-A** Nitrogen Flow Regulator
- **DN-SE** Stand
- **T245-NA** Nitrogen Handle
- **C245-903** Cartridge
- **B7243** & **B7244** Nozzles
- **CL9885** Tip Cleaner

Uses C245 Cartridge range

An external Nitrogen Generator Module is needed or you can use the JBC **GN-A\***



## Control Units & Modules

### DDE-2B 230V · 2 Tools

520,00 €



### DME-2A 230V · 4 Tools

790,00 €



### MSE-A · Electric Desoldering Module

385,00 €

For DDE and DME Control units



### MVE-A · Pneumatic Desoldering Module

385,00 €

For DDE and DME Control units



### FSE-2A 230V · Fume Extractor Switch

345,00 €

For DDE and DME Control units



### MNE-A · Nitrogen Regulator

465,00 €

For DDE and DME Control units



### KNE-A · Nitrogen kit

710,00 €

Connectable to DDE and DME Control Units.

#### Product Composition:

- MNE-A Nitrogen Flow Regulator
- DN-SE Stand
- T245-NA Nitrogen Handle
- C245-903 Cartridge
- B7243 & B7244 Nozzles
- CL9885 Tip Cleaner

Uses C245 Cartridge range

An external Nitrogen Generator Module is needed or you can use the JBC GN-A\*



## Modular line

### Stands

#### For Soldering Iron Handles

##### AD-SD

For **T210** & **T245** Soldering Irons

**S3-B** Quick Tip Changer is included.



136,00 €

##### DN-SE

For **T210-NA**,  
**T245-NA** & **T470-NA**  
Nitrogen  
Soldering Irons



136,00 €

#### For Tweezers

##### PA-SD

For **PA120** Micro Tweezers



136,00 €

##### HT-SD

For **HT420** Thermal Tweezers

Includes cartridge  
changer and tool  
support for large  
cartridges.



136,00 €

#### For Soldering Feed Irons

##### AP-SD

For **AP130** Solder  
Feed Iron



136,00 €

##### AL-SD

For **AL250** Auto-  
Feed Iron



136,00 €

#### For Desoldering Irons

##### DS-SD

For **DS360** Micro Desoldering Iron



136,00 €

##### DR-SD

For **DR560** Desoldering Iron

Includes tool tip support



136,00 €

## For HD Tools

### HD-SD

For **T470** HD Soldering Irons

Includes cartridge changer.



136,00 €

### HDT-SD

For **HT470** HD Thermal Tweezers

Includes cartridge changer and tool support for large cartridges.



190,00 €

## For Hot Air stations

### JT-SD

For **JT** Heater

Includes nozzle changer.



136,00 €

### TE-SD

For **TE** Heater

Includes nozzle changer.



136,00 €

## Stands Accessories

### SC-B

**Stand** for 12 Cartridges



157,00 €

### DC-A

Cartridge **Dispenser Case** for C210 & C105

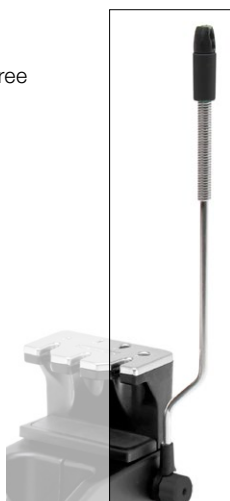


7,00 €

### CC3702

**Cable Collector**

Keeps your work area free of cables.



13,00 €

### A1286

1.5 m Stand cable extension



49,00 €

### S3-B

Quick Tip Changer for **AD-SD** and **DN-SD**



26,50 €

### BE-SA

Solder Reel **Stand**



302,00 €

## Modular line

### Soldering Iron Handles & Tweezers

Uses C105 Cartridge range

#### NP105-B

##### Steady Nano Tweezers

- It only works with NASE and NANE



145,00 €

#### NP105-A

##### Nano Tweezers

- It only works with NASE and NANE
- Includes **N1738** Sleeves



133,00 €

#### NT105-A

##### Nano purposes Handle

- It only works with NASE and NANE



64,00 €

Uses C210 Cartridge range

#### T210-A

##### Precision Purposes Handle



56,00 €

#### T210-NA

##### Nitrogen Precision Handle

- Includes **B6647** (Ø 5,3 mm) nozzle
- Requires the KN-A Nitrogen Kit



130,00 €

Uses C245 Cartridge range

#### T245-A

##### General Purposes Handle



56,00 €

#### T245-PA

##### Blue Handle

- To quickly distinguish it from other handles



56,00 €

#### T210-PA

##### Blue Precision Handle

- To quickly distinguish it from other handles



56,00 €

#### T245-C

##### Soft Thermal Insulation Handle



56,00 €

#### T245-B

##### Non-slip Handle



56,00 €

#### T245-NA

##### Nitrogen Handle

- Includes **B7243** (Ø 5,7 mm) and **B7244** (Ø 7,8 mm) nozzles
- Requires the KN-A Nitrogen Kit



130,00 €

Uses C245 & C470 Cartridge range

Heavy Duty

### T470-A

HD Purposes Handle

84,00 €

### T470-SA

HD Purposes Handle with 3m cable

90,00 €



### T470-FA

Thermal Insulation HD Handle

82,00 €

### T470-MA

Thermal Insulation HD Handle with 3m cable

90,00 €



### T470-ZA

Tri-lobed HD Handle

77,00 €

### T470-NA

Nitrogen HD Handle

- Includes HD N1, HD N2, HD N3 nozzles
- Requires the KN-A Nitrogen Kit

180,00 €



### HT470-A

HD Thermal Tweezers

- It only works with 2 HDE Control Unit

190,00 €



Uses C120 Cartridge range

### PA120-A

Micro Tweezers

119,00 €

Uses C420 Cartridge range

### HT420-A

Thermal Tweezers

108,00 €



## Modular line

### Desoldering Irons

Uses C360 Tip range

#### DS360-A

398,00 €

Micro Desoldering Iron

- Supplied with C360-004 Tip



Uses C560 Tip range

#### DR560-A

365,00 €

Desoldering Iron

- Supplied with C560-003 Tip



### Soldering Irons

Uses C130 Cartridge range

#### AP130-A

138,00 €

Solder Feed Iron

- Supplied with C130-403 Cartridge
- Supplied with SN5450 Solder Reel



Uses C250 Cartridge range

#### AL250-B

188,00 €

Auto-Feed Iron

- It only works with AL Control Unit
- Supplied with C250-403 Cartridge



### Hot Air Tools

Uses TE Nozzles range

#### TE-TB

265,00 €

Precision Heater Hose Set  
for TE station



Uses JT Nozzles range

#### JT-T2A

240,00 €

Heater Hose Set  
for JT station



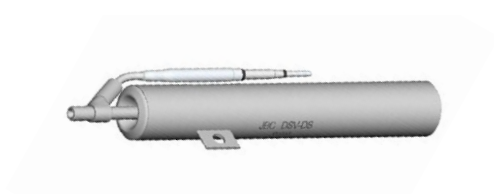
## Tool Accessories

### Heating Elements

#### DSV-DS

For **DS360** Micro Desoldering Iron

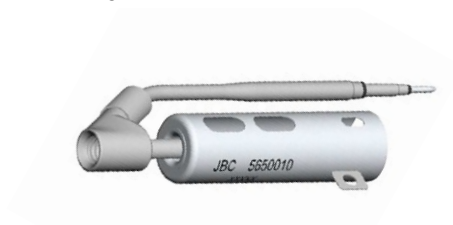
108,00 €



#### DSV-DR

For **DR560** Desoldering Iron

106,00 €



### Fume Extractors

#### F3450

For **T210** Precision Soldering Iron

Handles

· Diameter: Ø 4mm

35,00 €



#### F3449

For **T245** Soldering Iron

Handles

· Diameter: Ø 4mm

40,00 €



#### F3435

For **T245** Soldering Iron Handles

· Diameter: Ø 6mm

40,00 €



#### F6457

For **T470** Soldering Iron

Handles

· Diameter: Ø 6mm

53,00 €



#### F1204

For **AP130** Solder

Feed Iron

· Diameter: Ø 6mm

23,00 €



#### F4468

For **AL250** Auto-Feed Soldering Iron

· Diameter: Ø 6mm

53,00 €



### Reel

#### SN5450

**Lead Free Solder reel + solder**

· Composition: 99% Sn / 0,3% Ag / 0,7% Cu

· Diameter: 1mm Ø

· Weight: 50 g

7,70 €

Price per Unit.  
10 units per box.



### Tube extension

#### A1287

**1.5 m Suction tube extension**  
for desoldering Iron

10,40 €



## Modular line

### Cleaning Systems

#### CLMS-A · Junior Tip Cleaner

250,00 €

##### Product Composition:

· CLMS-A8 Brushes

#### CLMS-A8 · Brushes for CLMS-A

80,00 €



#### CLMB-A · Senior Tip Cleaner

330,00 €

##### Product Composition:

· CLMB-A8 Metal Brushes

#### CLMB-A8 · Metal Brushes for CLMB-A

80,00 €



#### CLMB-P1 · Non Metal Brushes for CLMB-A

95,00 €



**CL9885 · Tip Cleaner**

50,00 €

**Product Composition:**

- S0354 Sponge
- CL6210 Brass Wool
- CL0236 Tip Wiper



**CL6205 · Inox Wool**

3,50 €



**CL6210 · Brass Wool**

3,50 €



**CL0236 · Tip Wiper**

8,30 €



**S6169 · Sponge**

1,70 €

Dimensions: 58 x 58 mm



**S7751 · Sponge**

1,70 €

Dimensions: 46 x 37 mm



**S0354 · Sponge**

1,70 €

Dimensions: 36 x 69 mm



**CL6220 · Metal Brush**

27,50 €



**CL6217 · Metal Brush**

15,00 €

Supplied in boxes  
of 4 units.



**TT-A · Tip Tinner**

12,00 €

Price per Unit.  
5 units per box.



# Accessories

## Thermometers

### TIA-A · Thermometer



310,00 €

### STA-A · Sensor

For TIA-A



54,00 €

### TID-A · Digital Thermometer



350,00 €

### STD-A · Sensor

For TID-A



64,00 €

## Flux

### FL-A

5.5 ml brush



7,50 €

### FL-50

500 ml bottle



51,00 €

### FL-15

15 ml bottle



3,20 €

## Pedals

### P-005 · Pedal

For **MSE, MVE, MNE, FSE** modules  
For **DME, DDE, HDE, NAE** and **JTE** Control units  
For **PHS-B** and **PHB-A** Preheaters

For **JT-B** and **TE-B**  
the Adapter is required.



Adapter

185,00 €

### P-305 · Pedal kit

Compatible with **DI, DD, DDE, DM, DME, HD, HDE** Control Units. When using the Connection Box, the P-005 Pedal activates only the tool port which it is connected to.



212,00 €

### P-105 · Pedal

For **NANT** and **NAST**



207,00 €

## Tweezers

### Features:

- Made from matt finished anti-acid, anti-magnetic stainless steel.
- Thanks to tip design, they are well suited for both through hole insertion components and SMDs.

#### 8002099 · AA SA Tweezers

- For general use
- Length: 130 mm



Unit price

14,50 €

#### 8002107 · OC SA Very fine-tipped tweezers

- Length: 90 mm



14,50 €

#### 8002115 · 2A SA Round-tipped tweezers

- Length: 115 mm



14,50 €

#### 8002123 · 3C SA Ultra fine-tipped tweezers

- For miniature jobs
- Length: 110 mm



14,50 €

#### 8002131 · 5 SA Extrafine tip tweezers

- Length: 110 mm



14,50 €

#### 8002149 · 7 SA Curved tip tweezers

- Length: 120 mm



14,50 €

# Accessories

## Cutting Shears

### Features:

- Easy scissor cutting action.
- Reinforced steel cutting edge.
- Ergonomic grip covered with non-slip vinyl foam.
- Long lasting return spring.

### 8001844 · 270 Side cutting shears

For soft wires **up to 0.8 mm Ø**

- Total length: 130 mm
- Weight: 46 gr

*Supplied in boxes of 10 units*

Unit price

11,00 €



### 8001970 · 270 AS

14,00 €

Antistatic version

### 8001877 · 2175 Side cutting shears

For soft wires **up to 1.6 mm Ø**

- Total length: 148 mm
- Weight: 79 gr

*Supplied in boxes of 10 units*

21,00 €



### 8001980 · 2175 AS

22,00 €

Antistatic version

### 8001976 · 140 Side cutting shears made from special steel

For soft wires **up to 0.8 mm Ø**

- Made from special steel for extended life
- Total length: 123 mm
- Weight: 42 gr

15,00 €



### 8001984 · 240 55° angle cutting shears

For soft wires **up to 0.8 mm Ø**

- Total length: 130 mm
- Weight: 43 gr

25,00 €



### 8002265 · 2193F Cutting shears

For **memory wire, silver, gold and copper wire**

- For cutting twisted cable and music wire up to 0.060", 14 AWG (1.6mm)
- Total length: 140 mm
- Weight: 90 gr

30,00 €



**8002275 · 9180NS Cutting shears**

Unit price

23,00 €

For soft sheet metals **up to 0.030" (0.8mm)**

- Total length: 145 mm
- Weight: 68 gr



## Fine-nosed Pliers

**8001992 · 540 Very fine flat tip clip pliers**

31,00 €

For precision work

- Total length: 127 mm
- Weight: 50 gr



**8002008 · 740 Flat tip clip shears**

16,00 €

For general electronics jobs

- Total length: 129 mm
- Weight: 43 gr



**8001802 · 760 Cutting and fixing shears**

28,00 €

For soft wires **up to 0.8 mm Ø**

- Total length: 123 mm
- Weight: 46 gr



**8002925 Clip retainer**

2,30 €

- Retains cut wire.
- Adaptable to models 270 and 140.



# Classic Soldering Irons

2020200 · SL2020 230V · Temperature-controlled Iron

84,00

€

## Product Composition:

- Supplied with **R-10D** Tip
- Weight without cord: 70 gr



## Long-life Soldering Tips for SL2020

|  | Ref.              | Size         |  | Unit Price € |
|--|-------------------|--------------|--|--------------|
|  | 0300707<br>PH-12D | Ø 1,2 mm     |  | 11,50        |
|  | 0390401<br>R-05D  | Ø 1 mm       |  | 10,50        |
|  | 0300905<br>R-10D  | Ø 1,5 mm     |  | 9,50         |
|  | 0300400<br>B-15D  | Ø 2,2 mm     |  |              |
|  | 0400200<br>B-16D  | Ø 2,3 mm     |  |              |
|  | 0300806<br>TL-3D  | Ø 3 mm       |  | 11,00        |
|  | 0400804<br>T-05D  | 1,5 x 1 mm   |  |              |
|  | 0400705<br>T-10D  | 2 x 1 mm     |  |              |
|  | 0300509<br>T-20D  | 3 x 1,5 mm   |  |              |
|  | 0300608<br>T-40D  | 4,5 x 1,5 mm |  | 9,50         |

Supplied in boxes of 10 units

**0201070 · SG1070 · Gas Soldering Iron**

58,00

€

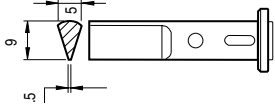
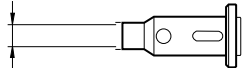
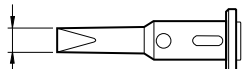
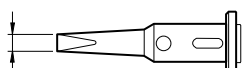
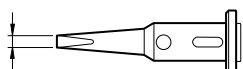
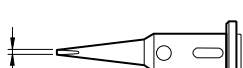
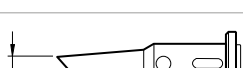
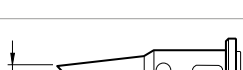
**Product Composition:**

- Supplied with **SF 2.4** Tip
- Net Weight: 150 gr.

Time between reloads: 2 hours



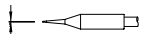
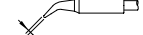
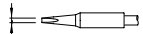
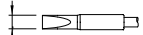
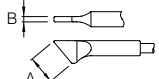
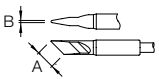
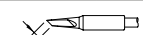
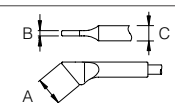
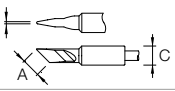
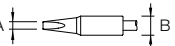
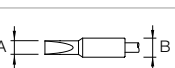
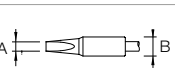
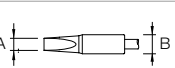
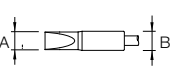
**Compatible Tips for SG1070**

| Ref.                              | Size                               |                                                                                      | Unit Price € |
|-----------------------------------|------------------------------------|--------------------------------------------------------------------------------------|--------------|
| <b>Knife</b><br><b>0201860</b>    | A = 9 mm<br>B = 0,5 mm<br>C = 5 mm |    | 10,00        |
| <b>Hot Blow</b><br><b>0201850</b> | Ø 4,5 mm                           |  |              |
| <b>DF 4,8</b><br><b>0201840</b>   | 4,8 x 1,5 mm                       |  |              |
| <b>DF 3,2</b><br><b>0201830</b>   | 3,2 x 1,5 mm                       |  |              |
| <b>DF 2,4</b><br><b>0201820</b>   | 2,4 x 1 mm                         |  |              |
| <b>DF 1,0</b><br><b>0201810</b>   | 1 x 1 mm                           |  |              |
| <b>SF 4,8</b><br><b>0201740</b>   | Ø 4,8 mm                           |  |              |
| <b>SF 3,2</b><br><b>0201730</b>   | Ø 3,2 mm                           |  |              |
| <b>SF 2,4</b><br><b>0201720</b>   | Ø 2,4 mm                           |  |              |
| <b>SF 1,0</b><br><b>0201710</b>   | Ø 1 mm                             |  |              |

# Cartridge range

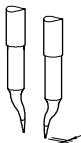
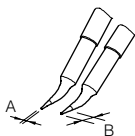
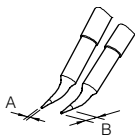
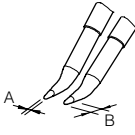
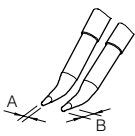
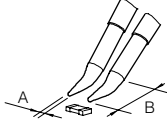
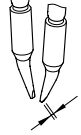
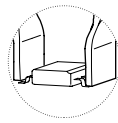
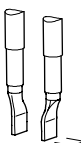
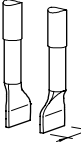
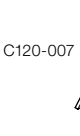
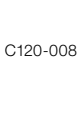
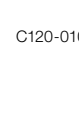
**C105** Cartridges for **NP105** and **NT105** Nano Tools

Unit Price €

|                                                                                     | Ref.            | Size                                     |                                                                                                              | 1+    | 10+   | 50+   |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------|-------|-------|
|    | <b>C105-126</b> | Ø 0,1 mm                                 |                             | 31,00 | 28,00 | 26,00 |
|                                                                                     | <b>C105-101</b> | Ø 0,1 mm                                 |                             |       |       |       |
|                                                                                     | <b>C105-103</b> | Ø 0,3 mm                                 |                             |       |       |       |
|                                                                                     | <b>C105-106</b> | Ø 0,5 mm                                 |                             |       |       |       |
|                                                                                     | <b>C105-107</b> | Ø 0,8 mm                                 |                             |       |       |       |
|    | <b>C105-124</b> | Ø 0,1 mm                                 |                             | 31,00 | 28,00 | 26,00 |
|                                                                                     | <b>C105-118</b> | Ø 0,1 mm                                 |                             |       |       |       |
|                                                                                     | <b>C105-105</b> | Ø 0,3 mm                                 |                             |       |       |       |
|                                                                                     | <b>C105-110</b> | Ø 0,5 mm                                 |                             |       |       |       |
|    | <b>C105-116</b> | 0,2 x 0,1 mm                             |                             | 31,00 | 28,00 | 26,00 |
|                                                                                     | <b>C105-117</b> | 0,4 x 0,2 mm                             |                             |       |       |       |
|                                                                                     | <b>C105-108</b> | 0,6 x 0,3 mm                             |                             |       |       |       |
|                                                                                     | <b>C105-125</b> | 1 x 0,2 mm                               |                             |       |       |       |
|                                                                                     | <b>C105-113</b> | 1 x 0,3 mm                               |                            |       |       |       |
|                                                                                     | <b>C105-114</b> | 1,8 x 0,5 mm                             |                           |       |       |       |
|  | <b>C105-109</b> | Ø 0,6 mm                                 |                           | 31,00 | 28,00 | 26,00 |
|                                                                                     | <b>C105-111</b> | A = 3,5 mm<br>B = 0,7 mm                 |                           | 31,00 | 28,00 | 26,00 |
|                                                                                     | <b>C105-112</b> | A = 2,5 mm<br>B = 0,3 mm                 |                           |       |       |       |
|                                                                                     | <b>C105-120</b> | 1 mm                                     |                           |       |       |       |
|                                                                                     | <b>C105-115</b> | 1 mm                                     |  Stainless Steel Tip      | 39,00 | 36,00 | 33,00 |
|                                                                                     | <b>C105-211</b> | A = 3,5 mm<br>B = 0,7 mm<br>C = Ø 2,5 mm |  High Thermal Performance | 32,00 | 29,00 | 27,00 |
|                                                                                     | <b>C105-212</b> | A = 2,5 mm<br>B = 0,3 mm<br>C = Ø 2,5 mm |  High Thermal Performance |       |       |       |
|                                                                                     | <b>C105-213</b> | A = 1 x 0,3 mm<br>B = Ø 2,5 mm           |  High Thermal Performance |       |       |       |
|                                                                                     | <b>C105-214</b> | A = 1,8 x 0,5 mm<br>B = Ø 2,5 mm         |  High Thermal Performance |       |       |       |
|                                                                                     | <b>C105-221</b> | A = 1,3 x 0,3 mm<br>B = Ø 2,5 mm         |  High Thermal Performance |       |       |       |
|                                                                                     | <b>C105-222</b> | A = 1,6 x 0,3 mm<br>B = Ø 2,5 mm         |  High Thermal Performance |       |       |       |
|                                                                                     | <b>C105-223</b> | A = 2,4 x 0,6 mm<br>B = Ø 2,5 mm         |  High Thermal Performance |       |       |       |

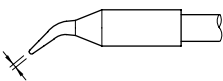
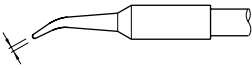
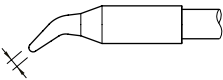
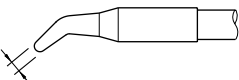
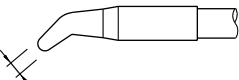
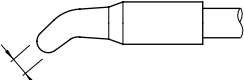
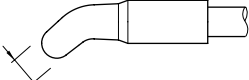
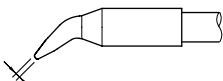
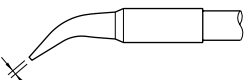
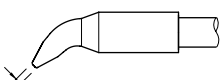
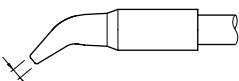
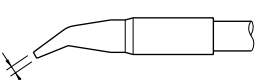
**C120** Cartridges for **PA120** Micro Tweezers

Unit Price €

|                                                                                     | Ref.                               | Size                       |                                                                                                                                                                                           |                                | 1+           | 10+          | 50+          |
|-------------------------------------------------------------------------------------|------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|--------------|--------------|
|    | <b>C120-001</b>                    | Ø 0,2 mm                   |                                                                                                          | Chip Components                | <b>34.00</b> | <b>29.00</b> | <b>26.00</b> |
|                                                                                     | <b>C120-002</b>                    | A = Ø 0,2 mm<br>B = 1,5 mm |                                                                                                          | Chip Components & Dual in line |              |              |              |
|                                                                                     | <b>C120-902</b>                    | A = Ø 0,3 mm<br>B = 1,5 mm |                                                                                                          | Chip Components & Dual in line |              |              |              |
|                                                                                     | <b>C120-006</b>                    | A = Ø 0,5 mm<br>B = 1,5 mm |                                                                                                          | Chip Components & Dual in line |              |              |              |
|                                                                                     | <b>C120-004</b>                    | A = Ø 0,7 mm<br>B = 1,5 mm |                                                                                                         | Chip Components & Dual in line |              |              |              |
|                                                                                     | <b>C120-012</b>                    | A = Ø 0,7 mm<br>B = 5 mm   |                                                                                                        | Chip Components & Dual in line |              |              |              |
|                                                                                     | <b>C120-011</b>                    | 0,6 mm                     |                                                                                                        | Chip Components & Dual in line |              |              |              |
|  | <b>C120-003</b>                    | 3 mm                       |                                                                                                        | Chip Components & Dual in line | <b>38.00</b> | <b>32.00</b> | <b>29.00</b> |
|                                                                                     | <b>C120-005</b>                    | 5 mm                       |                                                                                                        | Chip Components & Dual in line |              |              |              |
|                                                                                     | <b>C120-007</b><br><b>C120-008</b> | 3,5 mm                     |  C120-007  C120-008 | Chip Components & Dual in line | <b>42.00</b> | <b>35.00</b> | <b>32.00</b> |
|                                                                                     | <b>C120-009</b><br><b>C120-010</b> | 6 mm                       |  C120-009  C120-010 | Chip Components & Dual in line |              |              |              |

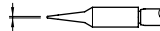
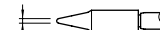
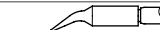
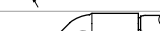
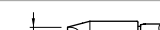
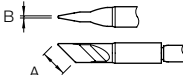
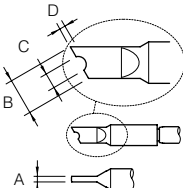
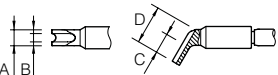
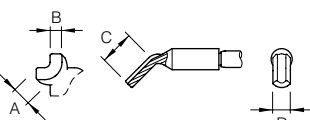
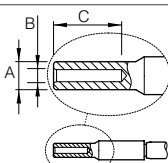
**C130** Cartridges for **AP130** Solder Feed Iron

Unit Price €

|                                                                                     | Ref.            | Size         |                                                                                     | 1+    | 10+   | 50+   |
|-------------------------------------------------------------------------------------|-----------------|--------------|-------------------------------------------------------------------------------------|-------|-------|-------|
|    | <b>C130-401</b> | Ø 0,6 mm     |    | 31,00 | 26,00 | 23,00 |
|                                                                                     | <b>C130-402</b> | Ø 0,8 mm     |    |       |       |       |
|                                                                                     | <b>C130-403</b> | Ø 1 mm       |    |       |       |       |
|                                                                                     | <b>C130-409</b> | Ø 1,7 mm     |    |       |       |       |
|                                                                                     | <b>C130-410</b> | Ø 2,2 mm     |    |       |       |       |
|                                                                                     | <b>C130-416</b> | Ø 3 mm       |    |       |       |       |
|                                                                                     | <b>C130-417</b> | Ø 4 mm       |   |       |       |       |
|  | <b>C130-404</b> | 1,2 x 0,7 mm |  | 31,00 | 26,00 | 23,00 |
|                                                                                     | <b>C130-405</b> | 1,8 x 0,8 mm |  |       |       |       |
|                                                                                     | <b>C130-406</b> | 2,2 x 1 mm   |  |       |       |       |
|                                                                                     | <b>C130-418</b> | 3,2 x 1,5 mm |  |       |       |       |
|                                                                                     | <b>C130-419</b> | 4,8 x 1,5 mm |  |       |       |       |

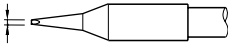
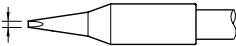
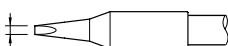
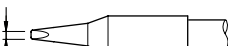
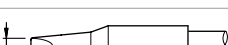
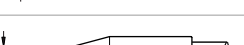
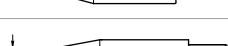
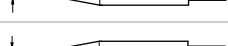
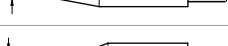
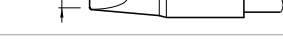
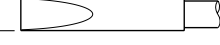
**C210** Cartridges for **T210** Precision Handles

Unit Price €

|                                                                                     | Ref.            | Size                                                 |                                                                                                                                         | 1+    | 10+   | 50+   |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|
|    | <b>C210-020</b> | Ø 0,1 mm                                             |                                                        | 33,00 | 28,00 | 25,00 |
|                                                                                     | <b>C210-009</b> | Ø 0,2 mm                                             |                                                        |       |       |       |
|                                                                                     | <b>C210-016</b> | Ø 0,3 mm                                             |                                                        |       |       |       |
|                                                                                     | <b>C210-001</b> | Ø 0,3 mm                                             |                                                        |       |       |       |
|                                                                                     | <b>C210-013</b> | Ø 0,5 mm                                             |                                                        |       |       |       |
|                                                                                     | <b>C210-003</b> | Ø 0,6 mm                                             |                                                        |       |       |       |
|                                                                                     | <b>C210-005</b> | Ø 1 mm                                               |                                                        |       |       |       |
|    | <b>C210-002</b> | Ø 0,2 mm                                             |                                                        | 33,00 | 28,00 | 25,00 |
|                                                                                     | <b>C210-010</b> | Ø 0,3 mm                                             |                                                        |       |       |       |
|                                                                                     | <b>C210-014</b> | Ø 0,5 mm                                             |                                                        |       |       |       |
|                                                                                     | <b>C210-004</b> | Ø 0,7 mm                                             |                                                        |       |       |       |
|   | <b>C210-019</b> | 0,2 x 0,1 mm                                         |                                                        | 33,00 | 28,00 | 25,00 |
|                                                                                     | <b>C210-023</b> | 0,4 x 0,2 mm                                         |                                                       |       |       |       |
|                                                                                     | <b>C210-021</b> | 0,6 x 0,3 mm                                         |                                                      |       |       |       |
|                                                                                     | <b>C210-024</b> | 0,8 x 0,3 mm                                         |                                                      |       |       |       |
|                                                                                     | <b>C210-022</b> | 1,3 x 0,4 mm                                         |                                                      |       |       |       |
|                                                                                     | <b>C210-008</b> | 1,3 x 0,6 mm                                         |                                                      |       |       |       |
|                                                                                     | <b>C210-007</b> | 2,3 x 0,7 mm                                         |                                                      |       |       |       |
|  | <b>C210-006</b> | Ø 1 mm                                               |                                                      | 33,00 | 28,00 | 25,00 |
|                                                                                     | <b>C210-018</b> | A = 3,4 mm<br>B = 0,3 mm                             |                                                      | 33,00 | 28,00 | 25,00 |
|                                                                                     | <b>C210-012</b> | A = 0,7 mm<br>B = 2,4 mm<br>C = Ø 1 mm<br>D = 0,4 mm |                                                      | 33,00 | 28,00 | 25,00 |
|                                                                                     | <b>C210-025</b> | A = 2,1 mm<br>B = 1,1 mm<br>C = 2,5 mm<br>D = 5 mm   |  To solder inside a connector                        | 47,00 | 40,00 | 36,00 |
|                                                                                     | <b>C210-015</b> | A = 1,2 mm<br>B = 0,8 mm<br>C = 5 mm<br>D = 2,3 mm   |  To solder inside a connector                        | 47,00 | 40,00 | 36,00 |
|                                                                                     | <b>C210-017</b> | A = Ø 2 mm<br>B = Ø 0,7 mm<br>C = 4,5 mm             |  To solder trough hole components on multilayer PCBs | 47,00 | 40,00 | 36,00 |

**C245 Cartridges for T245 Handles**

Unit Price €

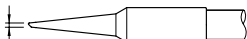
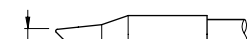
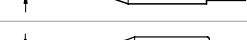
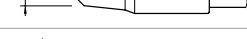
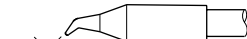
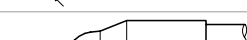
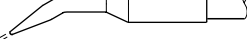
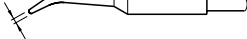
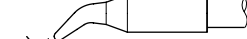
|                                                                                   | Ref.                                | Size         |                                                                                     |                         | 1+                            | 10+                           | 50+                           |
|-----------------------------------------------------------------------------------|-------------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-------------------------------|
|  | <b>C245-731</b>                     | 0,6 x 0,3 mm |    |                         | <b>24,00</b><br><b>30,00*</b> | <b>20,00</b><br><b>25,00*</b> | <b>18,00</b><br><b>23,00*</b> |
|                                                                                   | <b>C245-773</b><br><b>C245-673*</b> | 0,8 x 0,3 mm |    |                         |                               |                               |                               |
|                                                                                   | <b>C245-742</b>                     | 0,8 x 0,6 mm |    | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-774</b>                     | 1,2 x 0,3 mm |    |                         |                               |                               |                               |
|                                                                                   | <b>C245-906</b><br><b>C245-806*</b> | 1,2 x 0,7 mm |    |                         |                               |                               |                               |
|                                                                                   | <b>C245-406</b>                     | 1,2 x 0,7 mm |    | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-768</b>                     | 1,5 x 0,3 mm |    |                         |                               |                               |                               |
|                                                                                   | <b>C245-944</b><br><b>C245-844*</b> | 1,8 x 0,8 mm |    |                         |                               |                               |                               |
|                                                                                   | <b>C245-907</b><br><b>C245-807*</b> | 2,2 x 1 mm   |    |                         |                               |                               |                               |
|                                                                                   | <b>C245-407</b>                     | 2,2 x 1 mm   |   | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-759</b>                     | 2,4 x 0,5 mm |  | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-770</b>                     | 2,4 x 0,3 mm |  | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-741</b>                     | 2,4 x 0,6 mm |  | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-729</b>                     | 2,7 x 1 mm   |  |                         |                               |                               |                               |
|                                                                                   | <b>C245-061</b><br><b>C245-261*</b> | 3 x 1 mm     |  |                         |                               |                               |                               |
|                                                                                   | <b>C245-911</b><br><b>C245-811*</b> | 3,2 x 1,2 mm |  |                         |                               |                               |                               |
|                                                                                   | <b>C245-775</b>                     | 3,2 x 1,2 mm |  | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-755</b>                     | 4 x 0,8 mm   |  | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-756</b>                     | 4,8 x 1 mm   |  | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-908</b><br><b>C245-808*</b> | 4,8 x 1,5 mm |  | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-708</b>                     | 4,8 x 1,5 mm |  | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-069</b>                     | 5 x 1,7 mm   |  | High Thermal efficiency |                               |                               |                               |
|                                                                                   | <b>C245-966</b><br><b>C245-866*</b> | 6,6 x 1,8 mm |  | High Thermal efficiency |                               |                               |                               |

\*These cartridges are 20mm longer than normal cartridges for easier access to difficult-to-reach joints.

HIGH THERMAL EFFICIENCY: These are characterised by their optimised tip geometries which achieve up to 40% improvement in thermal efficiency.

**C245** Cartridges for **T245** Handles

Unit Price €

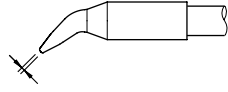
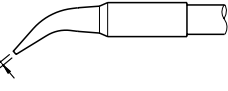
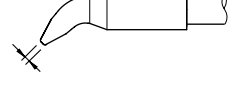
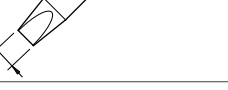
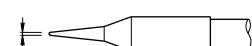
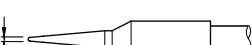
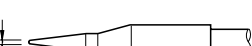
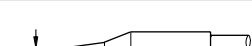
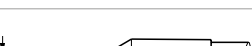
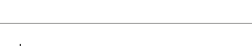
|                                                                                     | Ref.                                | Size     |                                                                                                                | 1+                            | 10+                           | 50+                           |
|-------------------------------------------------------------------------------------|-------------------------------------|----------|----------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
|    | <b>C245-747</b>                     | Ø 0,6 mm |                               | <b>24,00</b><br><b>30,00*</b> | <b>20,00</b><br><b>25,00*</b> | <b>18,00</b><br><b>23,00*</b> |
|                                                                                     | <b>C245-710</b>                     | Ø 1,2 mm |                               |                               |                               |                               |
|                                                                                     | <b>C245-905</b>                     | Ø 1,5 mm |                               |                               |                               |                               |
|                                                                                     | <b>C245-405</b>                     | Ø 1,5 mm | <br>High Thermal efficiency   |                               |                               |                               |
|                                                                                     | <b>C245-945</b><br><b>C245-845*</b> | Ø 2,2 mm |                               |                               |                               |                               |
|                                                                                     | <b>C245-784</b>                     | Ø 2,8 mm |                               |                               |                               |                               |
|                                                                                     | <b>C245-912</b><br><b>C245-812*</b> | Ø 3 mm   |                               |                               |                               |                               |
|                                                                                     | <b>C245-056</b><br><b>C245-256*</b> | Ø 3,5 mm | <br>High Thermal efficiency   |                               |                               |                               |
|                                                                                     | <b>C245-951</b>                     | Ø 3,8 mm | <br>High Thermal efficiency   |                               |                               |                               |
|                                                                                     | <b>C245-766</b>                     | Ø 5 mm   | <br>High Thermal efficiency   |                               |                               |                               |
|                                                                                     | <b>C245-748</b>                     | Ø 0,6 mm |                             | <b>37,00</b>                  | <b>31,00</b>                  | <b>28,00</b>                  |
|                                                                                     | <b>C245-749</b>                     | Ø 0,6 mm |                             |                               |                               |                               |
|  | <b>C245-034</b><br><b>C245-234*</b> | Ø 0,4 mm |                             | <b>24,00</b><br><b>30,00*</b> | <b>20,00</b><br><b>25,00*</b> | <b>18,00</b><br><b>23,00*</b> |
|                                                                                     | <b>C245-029</b>                     | Ø 0,4 mm |                             |                               |                               |                               |
|                                                                                     | <b>C245-126</b>                     | Ø 0,4 mm |                             |                               |                               |                               |
|                                                                                     | <b>C245-929</b>                     | Ø 0,6 mm |                             |                               |                               |                               |
|                                                                                     | <b>C245-935</b>                     | Ø 0,8 mm |                             |                               |                               |                               |
|                                                                                     | <b>C245-904</b><br><b>C245-804*</b> | Ø 1 mm   |                             |                               |                               |                               |
|                                                                                     | <b>C245-259</b>                     | Ø 1,5 mm |                             | <b>30,00</b>                  | <b>25,00</b>                  | <b>23,00</b>                  |
|                                                                                     | <b>C245-260</b>                     | Ø 2 mm   | <br>High Thermal efficiency |                               |                               |                               |
|                                                                                     | <b>C245-627</b>                     | Ø 3 mm   |                             |                               |                               |                               |
|                                                                                     | <b>C245-628</b>                     | Ø 4 mm   | <br>High Thermal efficiency |                               |                               |                               |

\*These cartridges are 20mm longer than normal cartridges for easier access to difficult-to-reach joints.

HIGH THERMAL EFFICIENCY: These are characterised by their optimised tip geometries which achieve up to 40% improvement in thermal efficiency.

**C245 Cartridges for T245 Handles**

Unit Price €

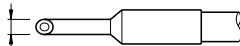
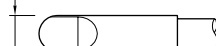
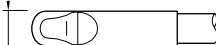
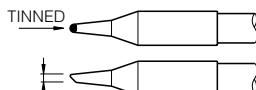
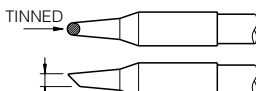
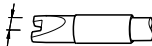
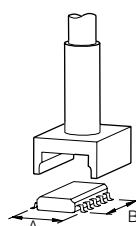
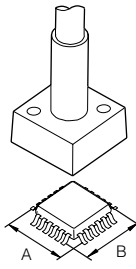
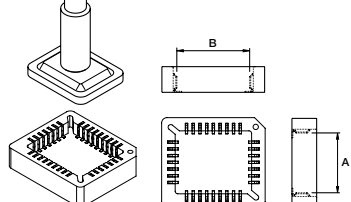
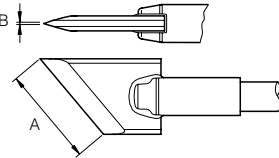
|                                                                                    | Ref.                                | Size         |                                                                                                             | 1+                            | 10+                           | 50+                           |
|------------------------------------------------------------------------------------|-------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
|   | <b>C245-962</b><br><b>C245-862*</b> | 1,2 x 0,7 mm |                            | <b>24,00</b><br><b>30,00*</b> | <b>20,00</b><br><b>25,00*</b> | <b>18,00</b><br><b>23,00*</b> |
|                                                                                    | <b>C245-963</b><br><b>C245-863*</b> | 1,8 x 0,8 mm |                            |                               |                               |                               |
|                                                                                    | <b>C245-946</b><br><b>C245-846*</b> | 2,2 x 1 mm   |                            |                               |                               |                               |
|                                                                                    | <b>C245-732</b>                     | 3,2 x 1,5 mm |                            |                               |                               |                               |
|                                                                                    | <b>C245-761</b>                     | 3 x 1 mm     |                            |                               |                               |                               |
|  | <b>C245-030</b>                     | Ø 0,3 mm     |                           | <b>24,00</b><br><b>30,00*</b> | <b>20,00</b><br><b>25,00*</b> | <b>18,00</b><br><b>23,00*</b> |
|                                                                                    | <b>C245-032</b>                     | Ø 0,4 mm     |                          |                               |                               |                               |
|                                                                                    | <b>C245-036</b>                     | Ø 0,5 mm     |                          |                               |                               |                               |
|                                                                                    | <b>C245-930</b>                     | Ø 0,5 mm     |                          |                               |                               |                               |
|                                                                                    | <b>C245-001</b><br><b>C245-201*</b> | Ø 0,6 mm     |                          |                               |                               |                               |
|                                                                                    | <b>C245-937</b>                     | Ø 0,6 mm     |  High Thermal efficiency |                               |                               |                               |
|                                                                                    | <b>C245-957</b>                     | Ø 0,8 mm     |                          |                               |                               |                               |
|                                                                                    | <b>C245-903</b><br><b>C245-803*</b> | Ø 1 mm       |                          |                               |                               |                               |
|                                                                                    | <b>C245-403</b>                     | Ø 1 mm       |  High Thermal efficiency |                               |                               |                               |
|                                                                                    | <b>C245-943</b>                     | Ø 1,7 mm     |                          |                               |                               |                               |
|                                                                                    | <b>C245-933</b>                     | Ø 2,2 mm     |                          |                               |                               |                               |
|                                                                                    | <b>C245-107</b>                     | Ø 3 mm       |  High Thermal efficiency |                               |                               |                               |

\*These cartridges are 20mm longer than normal cartridges for easier access to difficult-to-reach joints.

HIGH THERMAL EFFICIENCY: These are characterised by their optimised tip geometries which achieve up to 40% improvement in thermal efficiency.

**C245** Cartridges for **T245** Handles

Unit Price €

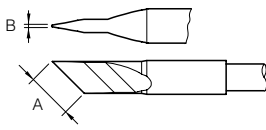
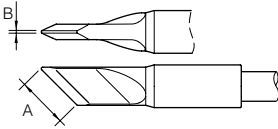
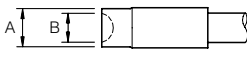
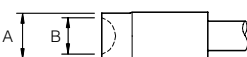
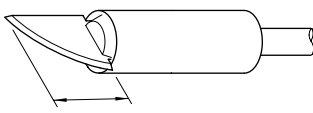
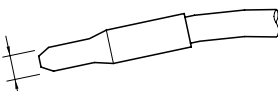
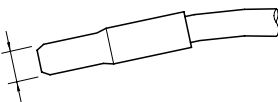
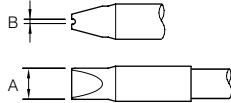
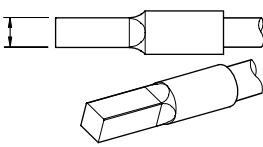
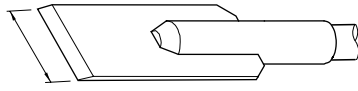
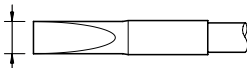
| Ref.                                                                                                           | Size                                                                                                                                    |                                                                                      | 1+                      | 10+                     | 50+                     |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------|-------------------------|-------------------------|
| <b>C245-067</b>                                                                                                | Ø 2,3 mm                                                                                                                                |     | 33.00                   | 28.00                   | 25.00                   |
| <b>C245-938</b><br><b>C245-931</b><br><b>C245-965</b>                                                          | A = Ø 3,8 mm<br>A = Ø 2,7 mm<br>A = Ø 1,9 mm                                                                                            |     |                         |                         |                         |
| <b>C245-009</b>                                                                                                | 4,5 x 1,8 mm                                                                                                                            |     |                         |                         |                         |
| <b>C245-010</b>                                                                                                | 4,5 x 1,8 mm                                                                                                                            |     |                         |                         |                         |
| <b>C245-064</b>                                                                                                | Ø 1,3 mm                                                                                                                                |     | 24.00                   | 20.00                   | 18.00                   |
| <b>C245-102</b>                                                                                                | Ø 2 mm                                                                                                                                  |     |                         |                         |                         |
| <b>C245-016</b><br><b>C245-017</b><br><b>C245-018</b><br><b>C245-019</b>                                       | A = 1,9 mm<br>A = 2,2 mm<br>A = 3,4 mm<br>A = 4,5 mm                                                                                    |     | 33.00                   | 28.00                   | 25.00                   |
| <b>C245-226</b><br><b>C245-215</b><br><b>C245-304</b><br><b>C245-305</b><br><b>C245-306</b><br><b>C245-222</b> | A = 15,2 B = 29,0 mm<br>A = 9,6 B = 18,0 mm<br>A = 9,6 B = 15,0 mm<br>A = 9,6 B = 12,0 mm<br>A = 9,6 B = 10,0 mm<br>A = 7,1 B = 13,0 mm |    | 52.00                   | 44.00                   | 40.00                   |
| <b>C245-303</b><br><b>C245-221</b><br><b>C245-250</b><br><b>C245-220</b>                                       | A = 6,5 B = 6,0 mm<br>A = 5,4 B = 10,0 mm<br>A = 5,4 B = 8,0 mm<br>A = 5,4 B = 6,0 mm                                                   |                                                                                      | 50.00                   | 42.00                   | 38.00                   |
| <b>C245-227</b><br><b>C245-315</b><br><b>C245-228</b><br><b>C245-224</b>                                       | A = 17,5 B = 17,5 mm<br>A = 15,0 B = 15,0 mm<br>A = 12,4 B = 15,0 mm<br>A = 12,0 B = 12,0 mm                                            |   | 52.00                   | 44.00                   | 40.00                   |
| <b>C245-223</b>                                                                                                | A = 8,5 B = 8,5 mm                                                                                                                      |                                                                                      | 50.00                   | 42.00                   | 38.00                   |
| <b>C245-248</b><br><b>C245-247</b>                                                                             | N. contact positions = 32<br>A = 11,9 B = 14,5 mm<br><br>N. contact positions = 44<br>A = 17 B = 17 mm                                  |  | 52.00                   | 44.00                   | 40.00                   |
| <b>C245-776</b><br><b>C245-949</b><br><b>C245-913</b><br><b>C245-752</b><br><b>C245-914</b>                    | A = 37 mm<br>A = 32 mm<br>A = 21 mm<br>A = 15 mm<br>A = 10 mm                                                                           |                                                                                      | 69.00<br>47.00<br>41.00 | 58.00<br>39.00<br>34.00 | 52.00<br>35.00<br>31.00 |
| <b>C245-955</b>                                                                                                | A = 13 mm<br>B = 0,5 mm                                                                                                                 |   | 39.00                   | 33.00                   | 29.00                   |

\*These cartridges are 20mm longer than normal cartridges for easier access to difficult-to-reach joints.

HIGH THERMAL EFFICIENCY: These are characterised by their optimised tip geometries which achieve up to 40% improvement in thermal efficiency.

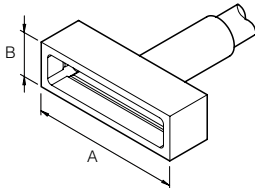
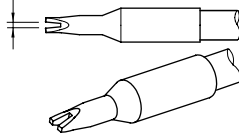
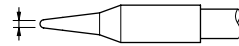
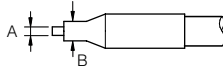
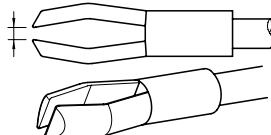
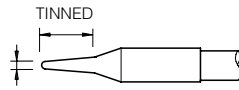
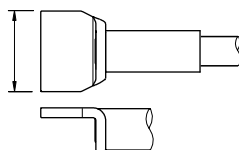
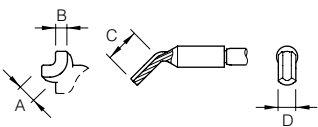
**C245** Special Cartridges for **T245** Handles

Unit Price €

|  | Ref.            | Size                          |                                                                                     |                                             | 1+    | 10+   | 50+   |
|--|-----------------|-------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------|-------|-------|-------|
|  | <b>C245-939</b> | A = 6 mm<br>B = 0,4 mm        |    | Bevel edge tips                             | 30,00 | 25,00 | 23,00 |
|  | <b>C245-765</b> | A = 6 mm<br>B = 0,4 mm        |    | Bevel edge tips                             | 30,00 | 25,00 | 23,00 |
|  | <b>C245-053</b> | A = Ø 5 mm<br>B = Ø 3,8 mm    |    | Chrome finish, designed for plastic rivets  | 33,00 | 28,00 | 25,00 |
|  | <b>C245-052</b> | A = Ø 6 mm<br>B = Ø 4,9 mm    |    | Chrome finish, designed for plastic rivets  |       |       |       |
|  | <b>C245-054</b> | A = Ø 7 mm<br>B = Ø 6,5 mm    |    | Chrome finish, designed for plastic rivets  |       |       |       |
|  | <b>C245-138</b> | 12 mm                         |   | Designed for cutting plastics               | 44,00 | 37,00 | 33,00 |
|  | <b>C245-312</b> | Ø 3,2 mm                      |  | Chrome finish, designed for use in plastics | 35,00 | 29,00 | 26,00 |
|  | <b>C245-313</b> | Ø 4,1 mm                      |  | Chrome finish, designed for use in plastics |       |       |       |
|  | <b>C245-124</b> | A = 4,25 x 2 mm<br>B = 0,7 mm |  | Chrome finish, designed for use in plastics | 36,00 | 30,00 | 27,00 |
|  | <b>C245-123</b> | 4 x 4 mm                      |  | Chrome finish, designed for use in plastics | 38,00 | 32,00 | 29,00 |
|  | <b>C245-121</b> | 13 mm                         |  | Designed for use in plastics                | 44,00 | 37,00 | 33,00 |
|  | <b>C245-109</b> | 4,3 x 0,1 mm                  |  | Designed for use in plastics                | 30,00 | 25,00 | 23,00 |

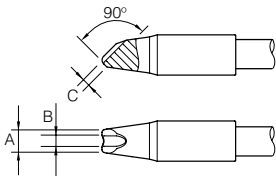
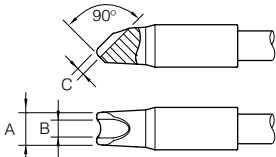
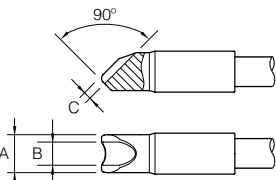
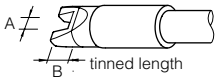
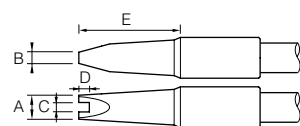
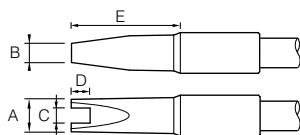
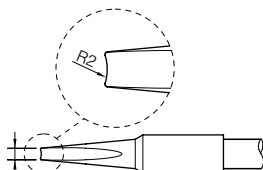
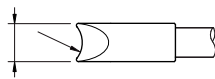
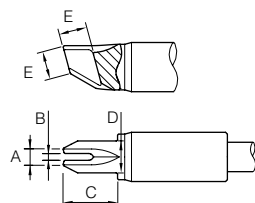
**C245** Special Cartridges for **T245** Handles

Unit Price €

|  | Ref.            | Size                                             |                                                                                     |                                                                   | 1+    | 10+   | 50+   |
|--|-----------------|--------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------|-------|-------|
|  | <b>C245-311</b> | A = 20 mm<br>B = 6 mm                            |    | Chrome finish,<br>designed for use<br>in plastics                 | 45,00 | 38,00 | 34,00 |
|  | <b>C245-301</b> | Ø 8,8 mm                                         |    | Big contact<br>surface<br>to solder large<br>applications         | 45,00 | 38,00 | 34,00 |
|  | <b>C245-118</b> | Ø 8,8 mm                                         |    | Cable tinning                                                     | 36,00 | 30,00 | 27,00 |
|  | <b>C245-119</b> | Ø 1 mm                                           |    | PTFE coated tip                                                   | 53,00 | 45,00 | 40,00 |
|  | <b>C245-117</b> | A = Ø 1,45 mm<br>B = Ø 2,9 mm                    |  | For Through hole<br>soldering                                     | 35,00 | 29,00 | 26,00 |
|  | <b>C245-268</b> | 1,5 mm                                           |  | Specially pro-<br>duced for fast<br>soldering on male<br>contacts | 48,00 | 41,00 | 36,00 |
|  | <b>C245-136</b> | A = 7,1mm<br>B = 6,5 mm                          |  | Specially pro-<br>duced for micro<br>stick switch                 | 45,00 | 38,00 | 34,00 |
|  | <b>C245-041</b> | Ø 1 mm                                           |  | Tip with an extra<br>tinned surface                               | 24,00 | 20,00 | 18,00 |
|  | <b>C245-730</b> | 10 mm                                            |  | Rework blade                                                      | 47,00 | 40,00 | 36,00 |
|  | <b>C245-116</b> | A = 1,4 mm<br>B = 0,9 mm<br>C = 5 mm<br>D = 3 mm |  | To solder<br>inside a<br>connector                                | 42,00 | 35,00 | 32,00 |

**C245 Special Cartridges for T245 Handles**

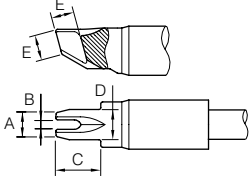
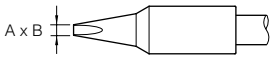
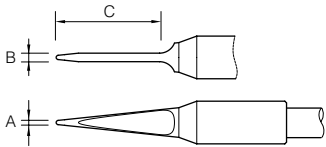
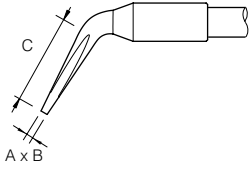
Unit Price €

|  | Ref.                                | Size                                                                 |                                                                                     | 1+                                                | 10+             | 50+             |
|--|-------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------|-----------------|-----------------|
|  | <b>C245-785</b>                     | A = 3 mm<br>B = 1,5 mm<br>C = 0,6 mm                                 |    | 29,00                                             | 24,00           | 22,00           |
|  | <b>C245-763</b>                     | A = 4 mm<br>B = 2,5 mm<br>C = 1 mm                                   |    | 29,00                                             | 24,00           | 22,00           |
|  | <b>C245-760</b>                     | A = 5 mm<br>B = 3,5 mm<br>C = 1 mm                                   |    | 29,00                                             | 24,00           | 22,00           |
|  | <b>C245-150</b>                     | A = 2,2 mm<br>B = 3,5 mm                                             |   | 29,00                                             | 24,00           | 22,00           |
|  | <b>C245-757</b>                     | A = 3,2 mm<br>B = 1,5 mm<br>C = 1,25 mm<br>D = 1,4 mm<br>E = 13,5 mm |  | 29,00                                             | 24,00           | 22,00           |
|  | <b>C245-758</b>                     | A = 4,3 mm<br>B = 2,5 mm<br>C = 2 mm<br>D = 2,5 mm<br>E = 14,5 mm    |  | 29,00                                             | 24,00           | 22,00           |
|  | <b>C245-122</b>                     | 1,5 X 0,5 mm                                                         |  | 36,00                                             | 30,00           | 27,00           |
|  | <b>C245-762</b>                     | 6,7 X 1,8 mm                                                         |  | 34,00                                             | 29,00           | 26,00           |
|  | <b>C245-754</b><br><b>C245-654*</b> | A = 2 mm<br>B = 0,75 mm<br>C = 6 mm<br>D = 3,5 mm<br>E = 3 mm        |  | Through hole<br>drag soldering<br>32,00<br>37,00* | 27,00<br>31,00* | 24,00<br>28,00* |

\*These cartridges are 20mm longer than normal cartridges for easier access to difficult-to-reach joints.

**C245** Special Cartridges for **T245** Handles

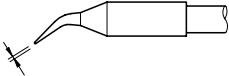
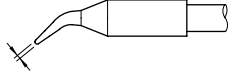
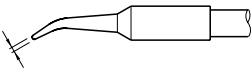
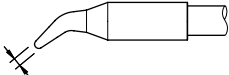
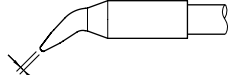
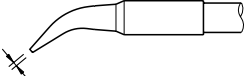
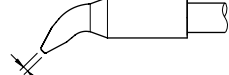
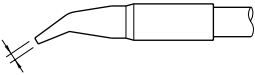
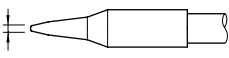
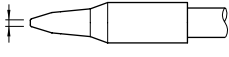
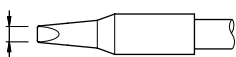
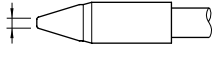
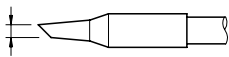
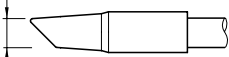
Unit Price €

|  | Ref.                                | Size                                                                       |                                                                                                                            | 1+                            | 10+                           | 50+                           |
|--|-------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
|  | <b>C245-751</b><br><b>C245-651*</b> | A = 3,25 mm<br>B = 1,25 mm<br>C = 6 mm<br>D = 4 mm<br>E = 3 mm             |  <p>Through hole drag soldering</p>       | <b>32,00</b><br><b>37,00*</b> | <b>27,00</b><br><b>31,00*</b> | <b>24,00</b><br><b>28,00*</b> |
|  | <b>C245-667</b>                     | A = 3,25 mm<br>B = 1,25 mm<br>C = 12 mm<br>D = 4 mm<br>E = 3 mm            |                                                                                                                            |                               |                               |                               |
|  | <b>C245-669</b>                     | A = 3 mm<br>B = 1,25 mm<br>C = 12 mm<br>D = 3,5 mm<br>E = 3 mm<br>F = 5 mm |                                                                                                                            |                               |                               |                               |
|  | <b>C245-772</b>                     | 1,4 x 0,7 mm                                                               |  <p>Pure nickel tip for HMP soldering</p> | <b>53,00</b>                  | <b>45,00</b>                  | <b>40,00</b>                  |
|  | <b>C245-764</b>                     | A = Ø 0,5 mm<br>B = 1 mm<br>C = 12 mm                                      |                                          | <b>24,00</b>                  | <b>20,00</b>                  | <b>18,00</b>                  |
|  | <b>C245-771</b>                     | A = 1 mm<br>B = 0,1 mm<br>C = 13 mm                                        |                                         | <b>30,00</b>                  | <b>25,00</b>                  | <b>23,00</b>                  |

\*These cartridges are 20mm longer than normal cartridges for easier access to difficult-to-reach joints.

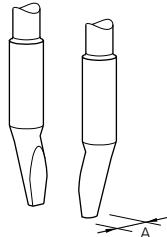
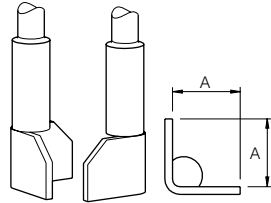
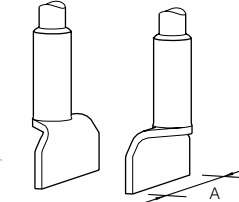
**C250** Cartridges for **AL250** Auto-Feed Soldering Iron

Unit Price €

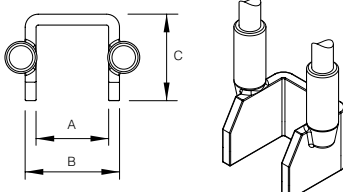
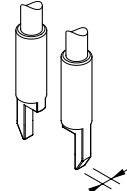
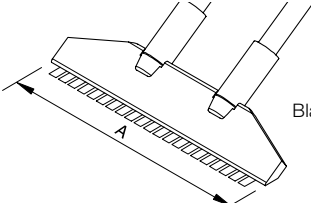
|                                                                                     | Ref.            | Size         |                                                                                     | 1+           | 10+          | 50+          |
|-------------------------------------------------------------------------------------|-----------------|--------------|-------------------------------------------------------------------------------------|--------------|--------------|--------------|
|    | <b>C250-420</b> | Ø 0,4 mm     |    | <b>33.00</b> | <b>28.00</b> | <b>25.00</b> |
|                                                                                     | <b>C250-401</b> | Ø 0,6 mm     |    |              |              |              |
|                                                                                     | <b>C250-402</b> | Ø 0,8 mm     |    |              |              |              |
|                                                                                     | <b>C250-403</b> | Ø 1 mm       |    |              |              |              |
|                                                                                     | <b>C250-409</b> | Ø 1,7 mm     |    |              |              |              |
|                                                                                     | <b>C250-410</b> | Ø 2,2 mm     |    |              |              |              |
|   | <b>C250-404</b> | 1,2 x 0,7 mm |   | <b>33.00</b> | <b>28.00</b> | <b>25.00</b> |
|                                                                                     | <b>C250-405</b> | 1,8 x 0,8 mm |  |              |              |              |
|                                                                                     | <b>C250-406</b> | 2,2 x 1 mm   |  |              |              |              |
|                                                                                     | <b>C250-412</b> | 4,8 x 1,5 mm |  |              |              |              |
|                                                                                     | <b>C250-418</b> | 3,2 x 1,5 mm |  |              |              |              |
|  | <b>C250-407</b> | 1,2 x 0,7 mm |  | <b>33.00</b> | <b>28.00</b> | <b>25.00</b> |
|                                                                                     | <b>C250-408</b> | 2,2 x 1 mm   |  |              |              |              |
|                                                                                     | <b>C250-413</b> | 2,2 x 1 mm   |  |              |              |              |
|                                                                                     | <b>C250-411</b> | 4,8 x 1,5 mm |  |              |              |              |
|  | <b>C250-414</b> | Ø 2,2 mm     |  | <b>33.00</b> | <b>28.00</b> | <b>25.00</b> |
|                                                                                     | <b>C250-415</b> | Ø 3,8 mm     |  |              |              |              |

**C420** Cartridges for **HT420** Thermal Tweezers

Unit Price €

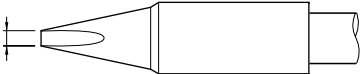
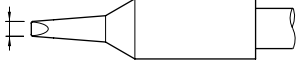
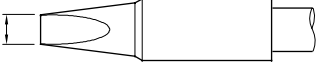
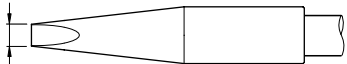
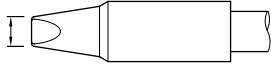
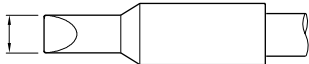
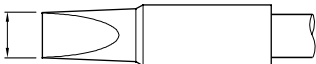
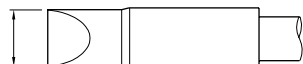
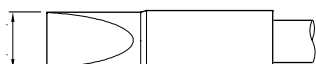
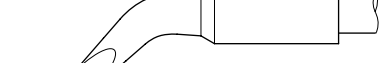
| Ref.                                                                                                           | Size                                                                                |                                                                                      | 1+    | 10+   | 50+   |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------|-------|-------|
| <b>C420-271</b><br><b>C420-272</b>                                                                             | A = 1,5 mm<br>A = 2,6 mm                                                            |     | 37,00 | 31,00 | 28,00 |
| <b>C420-279</b><br><b>C420-280</b>                                                                             | A = 8,0 mm<br>A = 11,0 mm                                                           |     | 41,00 | 34,00 | 31,00 |
| <b>C420-273</b><br><b>C420-274</b><br><b>C420-275</b><br><b>C420-276</b><br><b>C420-277</b><br><b>C420-278</b> | A = 4,0 mm<br>A = 6,0 mm<br>A = 8,0 mm<br>A = 10,0 mm<br>A = 15,0 mm<br>A = 20,0 mm |     | 41,00 | 34,00 | 31,00 |
| <b>C420-285</b>                                                                                                | A = 22,0 mm                                                                         |     | 53,00 | 45,00 | 40,00 |
| <b>C420-281</b><br><b>C420-282</b>                                                                             | Cable stripper<br>A = Ø 3,5 mm máx.<br>A = Ø 3,5 mm máx.                            |  | 41,00 | 34,00 | 31,00 |

**C420** Special Cartridges for **HT420** Thermal Tweezers

|                 |                                         |                                                                                     |        |        |       |
|-----------------|-----------------------------------------|-------------------------------------------------------------------------------------|--------|--------|-------|
| <b>C420-286</b> | A = 12 mm<br>B = 15,6 mm<br>C = 14,3 mm |  | 117,00 | 98,00  | 88,00 |
| <b>C420-287</b> | 2 mm                                    |  | 76,00  | 64,00  | 57,00 |
| <b>C420-283</b> | A = 50 mm                               |  | 127,00 | 107,00 | 96,00 |

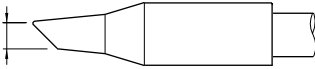
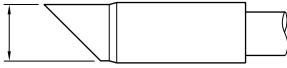
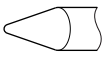
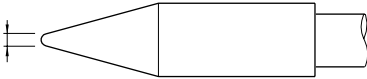
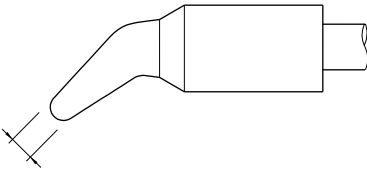
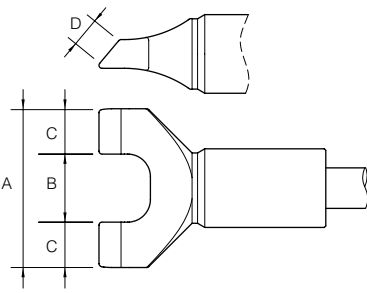
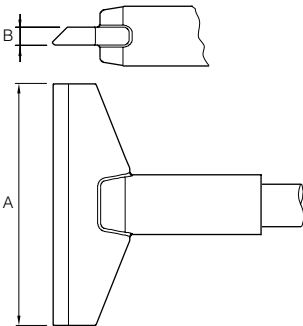
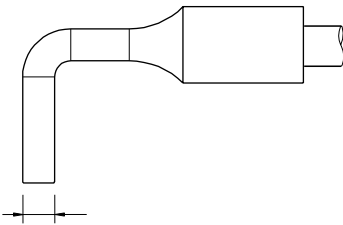
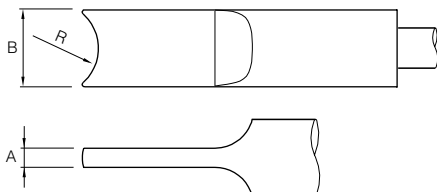
**C470** Cartridges for **T470** HD Handles and **HT470** HD Thermal Tweezers

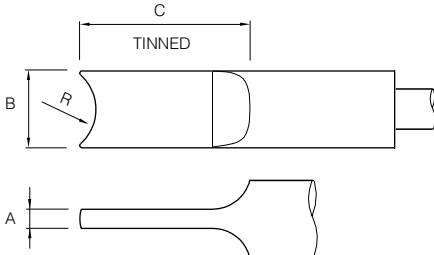
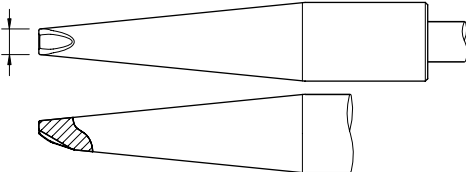
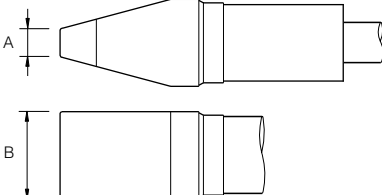
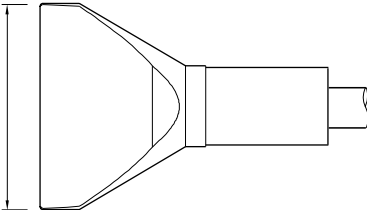
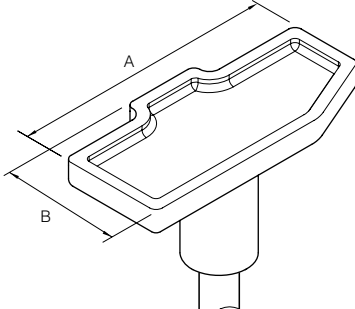
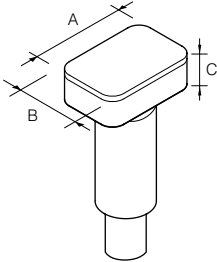
Unit Price €

|                                                                                   | Ref.            | Size          |                                                                                     | 1+    | 10+   | 50+   |
|-----------------------------------------------------------------------------------|-----------------|---------------|-------------------------------------------------------------------------------------|-------|-------|-------|
|  | <b>C470-013</b> | 2 x 0,9 mm    |    | 36.00 | 30.00 | 27.00 |
|                                                                                   | <b>C470-036</b> | 2 x 1 mm      |    |       |       |       |
|                                                                                   | <b>C470-014</b> | 4 x 1,3 mm    |    |       |       |       |
|                                                                                   | <b>C470-040</b> | 4 x 1,3 mm    |    | 40.00 | 34.00 | 30.00 |
|                                                                                   | <b>C470-035</b> | 4 x 2,5 mm    |    | 36.00 | 30.00 | 27.00 |
|                                                                                   | <b>C470-017</b> | 5 x 1,2 mm    |    |       |       |       |
|                                                                                   | <b>C470-009</b> | 5,5 x 1,5 mm  |    |       |       |       |
|                                                                                   | <b>C470-002</b> | 6 x 1,5 mm    |   |       |       |       |
|                                                                                   | <b>C470-015</b> | 6 x 1,7 mm    |  |       |       |       |
|                                                                                   | <b>C470-004</b> | 7,5 x 1,5 mm  |  |       |       |       |
|                                                                                   | <b>C470-016</b> | 7,5 x 1,7 mm  |  |       |       |       |
|                                                                                   | <b>C470-058</b> | 8 x 2,5 mm    |  |       |       |       |
|                                                                                   | <b>C470-039</b> | 8,5 x 2,5 mm  |  |       |       |       |
|                                                                                   | <b>C470-006</b> | 10 x 2,5 mm   |  |       |       |       |
|                                                                                   | <b>C470-007</b> | 15,5 x 2,5 mm |  |       |       |       |
|                                                                                   | <b>C470-034</b> | 3,5 x 1,5 mm  |  |       |       |       |
|                                                                                   | <b>C470-018</b> | 8,9 x 1,7 mm  |  | 40.00 | 34.00 | 30.00 |

**C470** Special Cartridges for **T470** HD Handles and **HT470** HD Thermal Tweezers

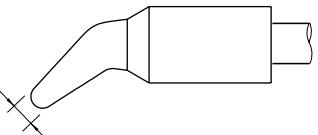
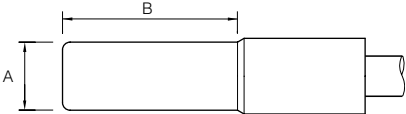
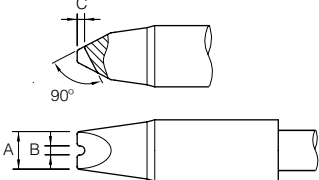
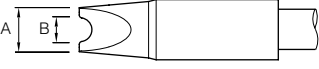
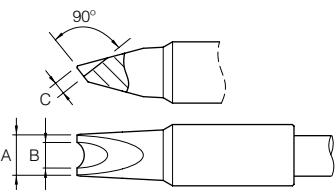
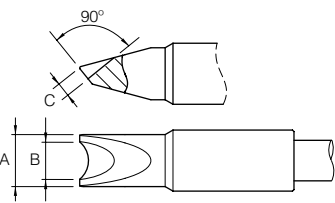
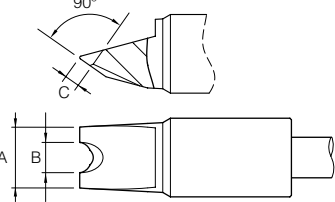
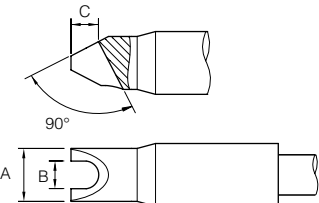
Unit Price €

|                                                                                   | Ref.            | Size                                          |                                                                                      | 1+           | 10+          | 50+          |
|-----------------------------------------------------------------------------------|-----------------|-----------------------------------------------|--------------------------------------------------------------------------------------|--------------|--------------|--------------|
|  | <b>C470-019</b> | Ø 3,5 mm                                      |    | <b>36,00</b> | <b>30,00</b> | <b>27,00</b> |
|                                                                                   | <b>C470-003</b> | Ø 7,5 mm                                      |    |              |              |              |
|                                                                                   | <b>C470-056</b> | Ø 10 mm                                       |    |              |              |              |
|  | <b>C470-001</b> | Ø 1,7 mm                                      |    | <b>36,00</b> | <b>30,00</b> | <b>27,00</b> |
|  | <b>C470-008</b> | Ø 3,5 mm                                      |    | <b>36,00</b> | <b>30,00</b> | <b>27,00</b> |
|                                                                                   | <b>C470-051</b> | A = 21 mm<br>B = 9 mm<br>C = 6 mm<br>D = 4 mm |   | <b>74,00</b> | <b>62,00</b> | <b>56,00</b> |
|                                                                                   | <b>C470-023</b> | A = 32,2 mm<br>B = 2,4 mm                     |  | <b>85,00</b> | <b>71,00</b> | <b>64,00</b> |
|                                                                                   | <b>C470-011</b> | Ø 4,2 mm                                      |  | <b>51,00</b> | <b>43,00</b> | <b>39,00</b> |
|                                                                                   | <b>C470-012</b> | A = 2,5 mm<br>B = 10,4 mm<br>R = 6 mm         |  | <b>51,00</b> | <b>43,00</b> | <b>39,00</b> |

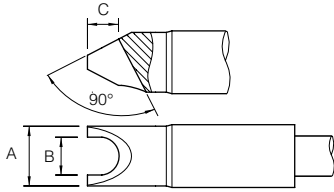
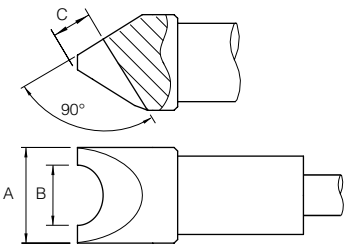
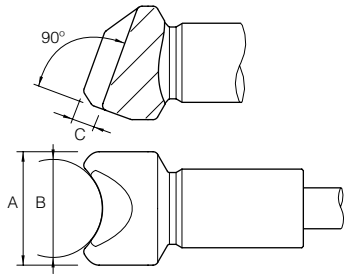
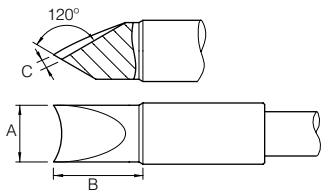
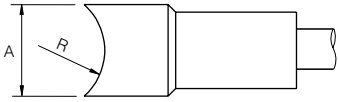
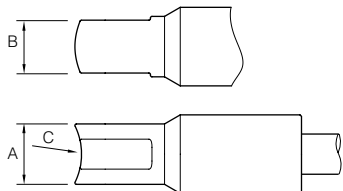
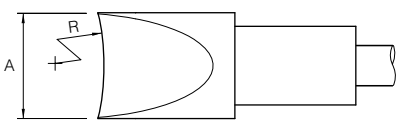
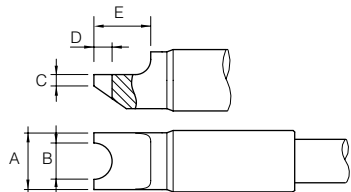
|  | Ref.            | Size                                               |                                                                                      | 1+     | 10+    | 50+    |
|--|-----------------|----------------------------------------------------|--------------------------------------------------------------------------------------|--------|--------|--------|
|  | <b>C470-038</b> | A = 2,5 mm<br>B = 10,4 mm<br>C = 22 mm<br>R = 6 mm |    | 47,00  | 40,00  | 36,00  |
|  | <b>C470-020</b> | Ø 3,4 mm                                           |    | 74,00  | 62,00  | 56,00  |
|  | <b>C470-021</b> | A = 4 mm<br>B = 12 mm                              |   | 74,00  | 62,00  | 56,00  |
|  | <b>C470-022</b> | 28 x 4 mm                                          |  | 102,00 | 86,00  | 77,00  |
|  | <b>C470-027</b> | A = 43 mm<br>B = 20 mm                             |   | 275,00 | 225,00 | 205,00 |
|  | <b>C470-044</b> | A = 15 mm<br>B = 10 mm<br>C = 5 mm                 |   | 65,00  | 55,00  | 49,00  |
|  | <b>C470-057</b> | A = 30 mm<br>B = 20 mm<br>C = 5 mm                 |                                                                                      | 74,00  | 62,00  | 56,00  |
|  | <b>C470-005</b> | Ø 15 mm                                            |                                                                                      | 40,00  | 34,00  | 30,00  |

**C470** Special Cartridges for **T470** HD Handles and **HT470** HD Thermal Tweezers

Unit Price €

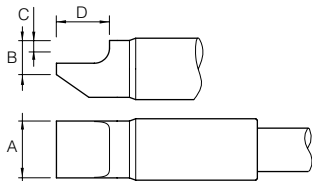
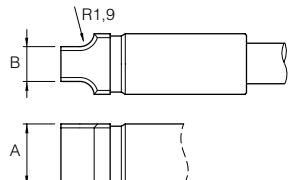
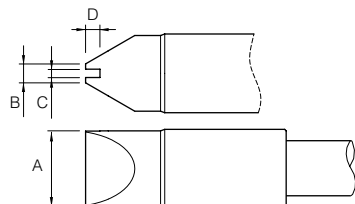
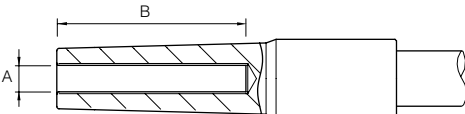
| Ref.            | Size                                        |                                                                                                                             | 1+    | 10+   | 50+   |
|-----------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|
| <b>C470-025</b> | Ø 1,7 mm                                    |  Chrome finish designed for plastic rivets | 41,00 | 34,00 | 31,00 |
| <b>C470-026</b> | Ø 3,5 mm                                    |  Chrome finish designed for plastic rivets | 41,00 | 34,00 | 31,00 |
| <b>C470-032</b> | A = Ø 9 mm<br>B = 24 mm                     |  Chrome finish designed for plastic rivets | 42,00 | 35,00 | 32,00 |
| <b>C470-028</b> | A = 5 x 1,8 mm<br>B = 1,2 mm<br>C = 1 mm    |                                           | 52,00 | 44,00 | 40,00 |
| <b>C470-031</b> | A = 6 x 1,8 mm<br>B = 3,2 mm                |                                          | 52,00 | 44,00 | 40,00 |
| <b>C470-048</b> | A = 5,5 mm<br>B = 3,4 mm<br>C = 1,6 mm      |                                          | 52,00 | 44,00 | 40,00 |
| <b>C470-049</b> | A = 6,9 mm<br>B = 5,2 mm<br>C = 1,9 mm      |                                          | 52,00 | 44,00 | 40,00 |
| <b>C470-055</b> | A = 8 mm<br>B = Ø 4 mm<br>C = 2 mm          |                                          | 52,00 | 44,00 | 40,00 |
| <b>C470-033</b> | A = 7 x 1,8 mm<br>B = 3,65 mm<br>C = 3,6 mm |                                          | 52,00 | 44,00 | 40,00 |

**C470** Special Cartridges for **T470** HD Handles and **HT470** HD Thermal Tweezers

|  | Ref.            | Size                                                             |                                                                                      | 1+    | 10+   | 50+   |
|--|-----------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------|-------|-------|
|  | <b>C470-030</b> | A = 7,9 x 1,8 mm<br>B = 5 mm<br>C = 4 mm                         |    | 40.00 | 34.00 | 30.00 |
|  | <b>C470-037</b> | A = 12,7 x 1,9 mm<br>B = 8 mm<br>C = 5 mm                        |     | 47.00 | 40.00 | 36.00 |
|  | <b>C470-041</b> | A = Ø 15 mm<br>B = Ø 12,5 mm<br>C = 3 mm                         |    | 53.00 | 45.00 | 40.00 |
|  | <b>C470-047</b> | A = 7,5 mm<br>B = 12 mm<br>C = 1,1 mm                            |   | 47.00 | 40.00 | 36.00 |
|  | <b>C470-010</b> | A = Ø 12,2 mm<br>R = 8 mm                                        |   | 56.00 | 47.00 | 42.00 |
|  | <b>C470-052</b> | A = 8 mm<br>B = 7 mm<br>C = 8,5 mm                               |   | 79.00 | 66.00 | 59.00 |
|  | <b>C470-029</b> | A = 14 x 3 mm<br>R = 31 mm                                       |  | 53.00 | 45.00 | 40.00 |
|  | <b>C470-042</b> | A = 7,5 mm<br>B = 4,8 mm<br>C = 3 mm<br>D = 2,4 mm<br>E = 7,5 mm |   | 45.00 | 38.00 | 34.00 |

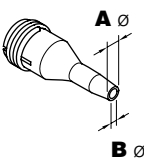
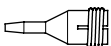
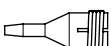
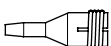
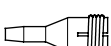
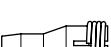
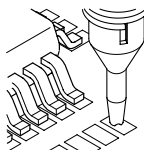
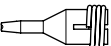
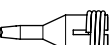
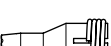
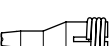
**C470** Special Cartridges for **T470** HD Handles and **HT470** HD Thermal Tweezers

Unit Price €

|  | Ref.            | Size                                                |                                                                                      | 1+    | 10+   | 50+   |
|--|-----------------|-----------------------------------------------------|--------------------------------------------------------------------------------------|-------|-------|-------|
|  | <b>C470-046</b> | A = 7,5 mm<br>B = 4,5 mm<br>C = 1,5 mm<br>D = 7 mm  |     | 42,00 | 35,00 | 32,00 |
|  | <b>C470-050</b> | A = 8 mm<br>B = 4,6 mm                              |     | 42,00 | 35,00 | 32,00 |
|  | <b>C470-043</b> | A = 10 mm<br>B = 2,5 mm<br>C = 1,1 mm<br>D = 1,9 mm |    | 40,00 | 34,00 | 30,00 |
|  | <b>C470-045</b> | A = Ø 8 mm<br>B = 25 mm                             |  | 55,00 | 46,00 | 41,00 |

**C360** Tips for **DS360** Micro Desoldering Iron

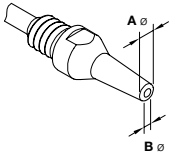
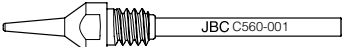
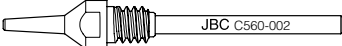
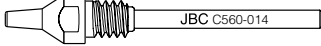
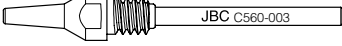
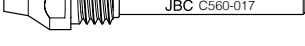
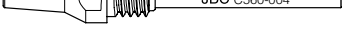
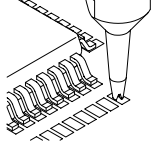
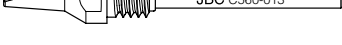
Unit Price €

|                                                                                                               | Ref.            | Size                                                |                                                                                     | 1+           | 10+          | 50+         |
|---------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------|-------------------------------------------------------------------------------------|--------------|--------------|-------------|
|                              | <b>C360-001</b> | A = Ø 1 mm<br>B = Ø 0,6 mm<br>Ø máx. pin = 0,4 mm   |    | <b>8.00</b>  | <b>7.00</b>  | <b>6.00</b> |
|                                                                                                               | <b>C360-002</b> | A = Ø 1,2 mm<br>B = Ø 0,8 mm<br>Ø máx. pin = 0,6 mm |    |              |              |             |
|                                                                                                               | <b>C360-003</b> | A = Ø 1,4 mm<br>B = Ø 1 mm<br>Ø máx. pin = 0,8 mm   |    |              |              |             |
|                                                                                                               | <b>C360-004</b> | A = Ø 1,6 mm<br>B = Ø 1,2 mm<br>Ø máx. pin = 1 mm   |    |              |              |             |
|                                                                                                               | <b>C360-007</b> | A = Ø 1,9 mm<br>B = Ø 1,4 mm<br>Ø máx. pin = 1,2 mm |    |              |              |             |
|                                                                                                               | <b>C360-006</b> | A = Ø 3 mm<br>B = Ø 1,5 mm<br>Ø máx. pin = 1,3 mm   |    |              |              |             |
| <b>PAD<br/>CLEANING</b><br> | <b>C360-011</b> | A = Ø 1 mm<br>B = Ø 0,6 mm                          |   | <b>11.00</b> | <b>10.00</b> | <b>9.00</b> |
|                                                                                                               | <b>C360-012</b> | A = Ø 1,2 mm<br>B = Ø 0,8 mm                        |  |              |              |             |
|                                                                                                               | <b>C360-013</b> | A = Ø 1,4 mm<br>B = Ø 1 mm                          |  |              |              |             |
|                                                                                                               | <b>C360-014</b> | A = Ø 1,6 mm<br>B = Ø 1,2 mm                        |  |              |              |             |

Supplied in boxes of 10 units

**C360** Tips for **DR560** Desoldering Iron

Unit Price €

|                                                                                                                | Ref.            | Size                                                |                                                                                      | 1+    | 10+   | 50+   |
|----------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------|--------------------------------------------------------------------------------------|-------|-------|-------|
|                                | <b>C560-001</b> | A = Ø 1,4 mm<br>B = Ø 0,6 mm<br>Ø máx. pin = 0,4 mm |    | 17.50 | 14.50 | 13.00 |
|                                                                                                                | <b>C560-002</b> | A = Ø 1,8 mm<br>B = Ø 0,8 mm<br>Ø máx. pin = 0,6 mm |    |       |       |       |
|                                                                                                                | <b>C560-014</b> | A = Ø 2,5 mm<br>B = Ø 0,8 mm<br>Ø máx. pin = 0,6 mm |    | 19.60 | 16.50 | 14.50 |
|                                                                                                                | <b>C560-003</b> | A = Ø 2,7 mm<br>B = Ø 1 mm<br>Ø máx. pin = 0,8 mm   |    |       |       |       |
|                                                                                                                | <b>C560-017</b> | A = Ø 2 mm<br>B = Ø 1,1 mm<br>Ø máx. pin = 1 mm     |    |       |       |       |
|                                                                                                                | <b>C560-004</b> | A = Ø 3,2 mm<br>B = Ø 1,3 mm<br>Ø máx. pin = 1,1 mm |    |       |       |       |
|                                                                                                                | <b>C560-009</b> | A = Ø 5 mm<br>B = Ø 1,3 mm<br>Ø máx. pin = 1,1 mm   |  |       |       |       |
|                                                                                                                | <b>C560-005</b> | A = Ø 3,4 mm<br>B = Ø 1,5 mm<br>Ø máx. pin = 1,3 mm |  |       |       |       |
|                                                                                                                | <b>C560-006</b> | A = Ø 4,2 mm<br>B = Ø 1,9 mm<br>Ø máx. pin = 1,7 mm |  |       |       |       |
|                                                                                                                | <b>C560-007</b> | A = Ø 4,8 mm<br>B = Ø 2,4 mm<br>Ø máx. pin = 2,2 mm |  |       |       |       |
|                                                                                                                | <b>C560-015</b> | A = Ø 5,2 mm<br>B = Ø 3 mm<br>Ø máx. pin = 2,8 mm   |  |       |       |       |
| <b>PAD<br/>CLEANING</b><br> | <b>C560-011</b> | A = Ø 1,4 mm<br>B = Ø 0,6 mm                        |  | 17.50 | 14.50 | 13.00 |
|                                                                                                                | <b>C560-012</b> | A = Ø 1,8 mm<br>B = Ø 0,8 mm                        |  |       |       |       |
|                                                                                                                | <b>C560-013</b> | A = Ø 2,7 mm<br>B = Ø 1 mm                          |  | 19.60 | 16.50 | 14.50 |

## Conditions of Sale

Prices shown on this price list are EXW Rodgau Germany and taxes are not included.

Goods are sent on request and at purchaser's risk.

smartTec has the right to modify any product or price without previous notice.

This Price List is valid from January 1st 2016 until further notice

