# X-Treme Series
## AUTO DRY CABINETS

# XS Line
## (300-600-900 lt)

| Physical | | | |
|---|---|---|---|
| **External Dimensions (WxHxD)** | | | |
| **XS Line Cabinets** | XS-300 | 606 x 1128 x 750 mm | |
| | XS-600 | 606 x 1990 x 750 mm | |
| | XS-900 | 606 x 1990 x 1050 mm | |
| **Internal Dimensions (WxHxD)** | | Non-Insulated | Insulated |
| **XS Line Cabinets** | XS-300 | 603 x 792 x 630 mm | 584 x 772 x 630 mm |
| | XS-600 | 603 x 1654 x 630 mm | 584 x 1634 x 630 mm |
| | XS-900 | 603 x 1654 x 930 mm | 584 x 1634 x 930 mm |
| **Net Volume** | | Non-Insulated | Insulated |
| **XS Line Cabinets** | XS-300 | 300 lt | 285 lt |
| | XS-600 | 625 lt | 600 lt |
| | XS-900 | 925 lt | 890 lt |
| **Weight (Depends on Configuration)** | | | |
| **XS Line Cabinets** | XS-300 | 90 kg | |
| | XS-600 | 134 kg | |
| | XS-900 | 160 kg | |
| **Max. Load Capacity of a Shelf** | | 40 kg | |
| **Height from Ground** | | 30 mm | |
| **Body Material** | | Electrostatic Painted Steel, Stainless Steel Interior Panel | |
| **Door Glass** | | 24 mm Insulating Thermal Glass | |
| **Standard Doors** | XS-300 | 1 Door | |
| | XS-600 XS-900 | 2 Doors | |

| Electrical | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Voltage** | 220 - 240 V AC 50 Hz - 110 V AC 60 Hz (±10%) | | | | | | |
| **Current / Max Power** | 10 A - 16 A (Maximum) / 2200 W Max. | | | | | | |
| **Average Power Consumption** | 50 W / Hour (Depends on Configuration) | | | | | | |
| **Max Power Consumption / Hour (Depends on Configuration)** | Base | Light | N2 | 1st Dryer | 2nd Dryer | 40° C Heater | 60° C Heater |
| **XS Line Cabinets** XS-300 | 10 W | 58 W | 5 W | 750 W | - | 1500 W | 1500 W |
| XS-600 | 10 W | 58 W | 5 W | 750 W | - | 1500 W | 1500 W |
| XS-900 | 10 W | 58 W | 5 W | 750 W | - | 1500 W | 1500 W |

| Shelves | | | |
|---|---|---|---|
| **Standard Shelves** | XS-300 | | Stainless Steel (2 pcs.) (Adjustable) |
| | XS-600 XS-900 | | Stainless Steel (5 pcs.) (Adjustable) |
| **Shelf Capacity** | Material | | Stainless Steel |
| | Maximum / Cabinet | XS 300 | 9 pieces. (Adjustable) |
| | | 600-900 | 21 pieces. (Adjustable) |
| | Minimum Shelf Height | | 60 mm |
| | Mounting / Demounting | | With Shelf Holder Parts, No Tools Required |

# XT Line
## (1250 lt)

# XL Line
## (1840 lt)

## XT Line

| Physical | |
|---|---|
| **External Dimensions (WxHxD)** | |
| **XT Line Cabinets** | 1200 x 1990 x 750 mm |

| **Internal Dimensions (WxHxD)** | Non-Insulated | Insulated |
|---|---|---|
| | 1197 x 1654 x 630 mm | 1178 x 1634 x 630 mm |

| **Net Volume** | Non-Insulated | Insulated |
|---|---|---|
| | 1250 lt | 1215 lt |

| | |
|---|---|
| **Weight (Depends on Configuration)** | 190 kg |
| **Max. Load Capacity of a Shelf** | 40 kg |
| **Height from Ground** | 30 mm |
| **Body Material** | Electrostatic Painted Steel, Stainless Steel Interior Panel |
| **Door Glass** | 24 mm Insulating Thermal Glass |
| **Standard Doors** | 4 Doors |

| Electrical | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Voltage** | 220 - 240 V AC 50 Hz - 110 V AC 60 Hz (±10%) | | | | | | |
| **Current / Max Power** | 10 A - 16 A (Maximum) / 2200 W Max. | | | | | | |
| **Average Power Consumption** | 50 W / Hour (Depends on Configuration) | | | | | | |
| **Max Power Consumption / Hour (Depends on Configuration)** | Base | Light | N2 | 1st Dryer | 2nd Dryer | 40 °C Heater | 60 °C Heater |
| **XT Line Cabinets** | 10 W | 58 W | 5 W | 750 W | 750 W | 1500 W | 1500 W |

| Shelves | | | |
|---|---|---|---|
| **Standard Shelves** | Stainless Steel (10 pcs.) (Adjustable) | | |
| **Shelf Capacity** | Material | | Stainless Steel |
| | Maximum / Cabinet | XT | 42 pieces (2 in a row) (Adjustable) |
| | Minimum Shelf Height | | 60 mm |
| | Mounting / Demounting | | With Shelf Holder Parts, No Tools Required |

## XL Line

| Physical | |
|---|---|
| **External Dimensions (WxHxD)** | |
| **XL Line Cabinets** | 1200 x 1990 x 1050 mm |

| **Internal Dimensions (WxHxD)** | Non-Insulated | Insulated |
|---|---|---|
| | 1197 x 1654 x 930 mm | 1178 x 1634 x 930 mm |

| **Net Volume** | Non-Insulated | Insulated |
|---|---|---|
| | 1840 lt | 1790 lt |

| | |
|---|---|
| **Weight (Depends on Configuration)** | 280 kg |
| **Max. Load Capacity of a Shelf** | 40 kg |
| **Height from Ground** | 30 mm |
| **Body Material** | Electrostatic Painted Steel, Stainless Steel Interior Panel |
| **Door Glass** | 24 mm Insulating Thermal Glass |
| **Standard Doors** | 2 Doors |

| Electrical | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Voltage** | 220 - 240 V AC 50 Hz - 110 V AC 60 Hz (±10%) | | | | | | |
| **Current / Max Power** | 10 A - 16 A (Maximum) / 2200 W Max. | | | | | | |
| **Average Power Consumption** | 50 W / Hour (Depends on Configuration) | | | | | | |
| **Max Power Consumption / Hour (Depends on Configuration)** | Base | Light | N2 | 1st Dryer | 2nd Dryer | 40 °C Heater | 60 °C Heater |
| **XL Line Cabinets** | 10 W | 58 W | 5 W | 750 W | 750 W | 1500 W | 1500 W |

| Shelves | | | |
|---|---|---|---|
| **Standard Shelves** | - | | |
| **Shelf Capacity** | Material | | Stainless Steel |
| | Maximum / Cabinet | XL | 42 pieces (2 in a row) (Adjustable) |
| | Minimum Shelf Height | | 60 mm |
| | Mounting / Demounting | | With Shelf Holder Parts, No Tools Required |

| Operational | |
|---|---|
| **Humidity Set Range** | 0.5% - 95% RH (Ambient to Set Value) |
| **Temperature Set Range (Optional)** | 15 °C - 45 °C - 60 °C - 100 °C (Ambient to Set Value) |
| **Time to Reach to Set Humidity Level** | <15 min. with one Dryer <7 min with double Dryer (values for 1% RH) |

| Measurements | | |
|---|---|---|
| **Relative Humidity Measurement** | Location | Cabinet inside (Standard), Cabinet outside (Optional) |
| | Range | 0 - 99% RH |
| | Accuracy | ± 0.3% RH (0...20% RH) ± 1.5% RH (20...99% RH) (After Calibration) (Indoor Sensor) |
| | Resolution | 0.01% RH < 10% RH - 0.1% RH > 10% RH (Indoor Sensor) |
| **Temperature Measurement** | Location | Cabinet inside (Standard), Cabinet outside (Optional) |
| | Range | -20 - +110 °C |
| **Temperature Measurement** | Accuracy | ± 0,5 °C (at 25 °C) |
| | Resolution | 0.1 °C |
| **Date & Time** | | Date (dd.mm.yy) and Time (hh:mm:ss) display with Real Time Clock (RTC) |
| **Alarm Functions** | | |
| **Alarm Type** | | Standard Internal Buzzer, Optional Alarm Light Bar |
| **Alarm Duration** | | Adjustable, Internal Buzzer: 5 - 255 sec. Alarm L. Bar: 1 - 60 min. |
| **Humidity Level Alarm** | | Adjustable Offset: 0% RH - 40% RH |
| **Temperature Level Alarm** | | Adjustable Time After Door Close: 1 - 60 minutes |
| **Door Left Open Alarm** | | Adjustable Time to Alarm: 10 - 240 seconds |
| **Optional Features** | | |
| **Secondary Dehumidifier Unit** | Advantage | 60% decrease in time to reach to set humidity level |
| | Usage | As Standby, Sharing Drying Task with Intervals |
| **Heater** | Capacity | 2 x 750 W |
| | Heating Type | Electrical, Heating Elements and Fans |
| | Insulation Material | Elastomeric Rubber Foam, Thermal Conductivity < 0,036 W/mK |
| | Control | Automatic |
| **Lighting** | Location | Interior |
| | Capacity & Type | 58 W, Fluorescent daylight |
| | Control | Automated: Display Touch, Motion Sensor or Door Open Triggered |
| | Light ON Time | After Last Trigger, Adjustable: 0 - 240 minutes |
| **Automatic Door Lock** | Number of Locks | 1 Lock per Door |
| | Lock Type | Solenoid Controlled, Open / Locked Status Monitoring |
| | Control | Access Code Used as Password |
| **Outdoor Sensor** | Location | Integrated to Body on Top of Right Side of Cabinet |
| | Measurement | Relative Humidity, Temperature |
| | Specifications | Same as Cabinet Inside Sensor, Except Accuracy of ± 1.5% Rh |
| **Alarm Light Bar** | Type | Buzzer and Two-Colored Lights, Magnetic Base |
| | Buzzer Noise Level | 70 dB (A) |
| | Light Type and Colors | Yellow and red, 12 V, 5 W lamps |
| | Shape and Visibility | Cylindrical, 360° View |
| | Mounting | Easy Attachable with Magnetic Base Plate, Built-In Screw Holes |
| | Connection | 4-Pin XLR Connector Behind Cabinet |

| | Total Logging Time Capacity | | | |
|---|---|---|---|---|
| | Record 15 sec. Interval | Record 30 sec. Interval | Record 45 sec. Interval | Record 60 sec. Interval |
| **Datalogger Card with Memory** | 22 days | 45 days | 68 days | 91 days |
| | 18 hours | 12 hours | 6 hours | 0 hours |
| | 8 minutes | 16 minutes | 24 minutes | 32 minutes |
| **Communication Port** | USB (AF Type) Connector | Right and Left Side of the Cabinet | | |