

**X-Treme
Series**

AUTO DRY CABINETS

DATASHEET

2020



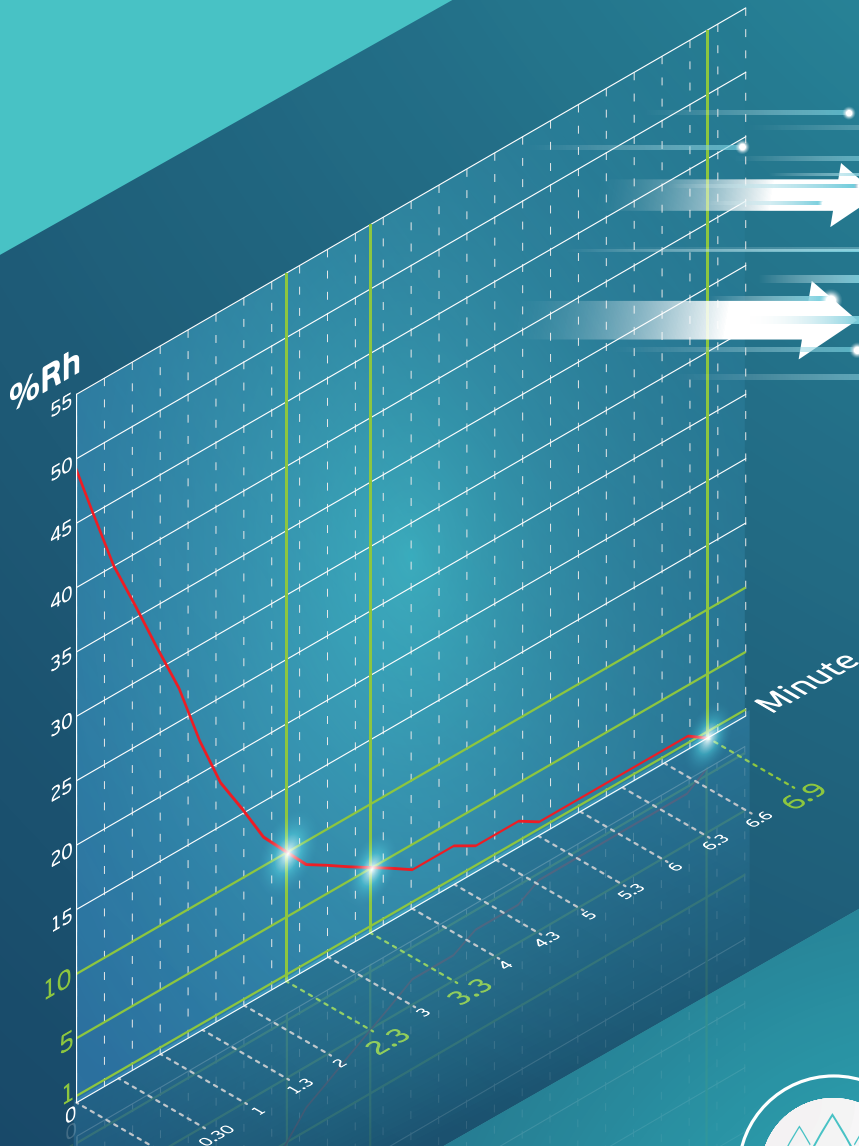
0.5%Rh
Humidity

100°C
Temperature

www.x-tremeseries.com

X-Treme Series

AUTO DRY CABINETS



50%Rh to $\leq 1\%Rh$
under 7 minutes!

50%Rh to $\leq 5\%Rh$
under 4 minutes!

The best place
for your product



Internal
Relative Humidity
0.5% Rh • 95% Rh



Internal
Temperature
2°C-15°C-45°C-60°C
up to 100°C



Sensor
Accuracy
 ± 0.3 Rh Humidity
 $\pm 0.5^\circ\text{C}$ Temperature

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		50 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	1 st Dryer	2 nd Dryer	45° C Heater	60° C Heater	100° C Heater
XS Line Cabinets	XS-300	10 W	58 W	5 W	750 W	-	1500 W	1500 W	1500
	XS-600	10 W	58 W	5 W	750 W	-	1500 W	1500 W	2250
	XS-900	10 W	58 W	5 W	750 W	-	1500 W	1500 W	2250

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	8 pieces. (Adjustable)
			600-900	16 pieces. (Adjustable)
	Minimum Shelf Height		60 mm	
Mounting / Demounting		With Shelf Holder Parts, No Tools Required		



XT Line (1250 lt)

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	50 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	1 st Dryer	2 nd Dryer	45 °C Heater	60 °C Heater	100 °C Heater
XT Line Cabinets	10 W	58 W	5 W	750 W	750 W	1500 W	1500 W	2250

Shelves		
Standard Shelves		Stainless Steel (10 pcs.) (Adjustable)
Shelf Capacity	Material	Stainless Steel
	Maximum / Cabinet	XT 36 pieces (2 in a row) (Adjustable)
	Minimum Shelf Height	60 mm
	Mounting / Demounting	With Shelf Holder Parts, No Tools Required



XL Line (1840 lt)

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	50 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 w	50 W / Hour (Depends on Configuration)							
Max Power Consumption / Hour (Depends on Configuration)	Base	Light	N2	1 st Dryer	2 nd Dryer	45 °C Heater	60 °C Heater	100 °C Heater
XL Line Cabinets	10 W	58 W	5 W	750 W	750 W	1500 W	1500 W	2250

Shelves			
Standard Shelves			
-			
Shelf Capacity	Material		Stainless Steel
	Maximum / Cabinet	XL	32 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)	2 °C - 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)	
Version 3.0 Software - Industry 4.0		
Display - Control Panel	Type	Touch Screen Display
	Active Area	7"- (155 x 86mm)
	Resolution	800*480 Pixel
Datalogger	Capacity	2 GB
	Connection Type	Wi-Fi (Wireless), Ethernet Cable (Network), USB Flash Disk
	USB (AF Type)	Connector Right or Left Side of the Cabinet
RMS (Remote Monitoring)	Monitoring	via PC, Phone, Tablet
	Connection Type	Wi-Fi (Wireless), Ethernet Cable (Network)
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	LED Lamp for XS Line-Fluorescent daylight for XT and XL Line
	Control	Automated: Display Touch, Motion Sensor or Door Open Triggered
Automatic Door Lock	Light ON Time	After Last Trigger, Adjustable: 0 - 240 minutes
	Number of Locks	1 Lock per Door
	Lock Type	Automatic Door Locks by Password, Open / Locked Status Monitoring
Outdoor Sensor	Control	RFID Cards and Access Code Used as Password
	Location	Integrated to Body on Top of Right Side of Cabinet
	Measurement	Relative Humidity, Temperature
Alarm Light Bar	Specifications	Same as Cabinet Inside Sensor, Except Accuracy of ± 1.5% Rh
	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	

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55 COUNTRIES

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The Fastest Dry Cabinets

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Electronic Components

Manufactured by EMT Electronics

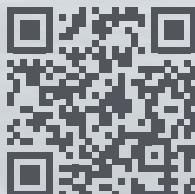
Çamlıca Mahallesi, Anadolu Bulvarı No:16

Regnum Ticaret Merkezi, B Blok No: 5/1

06200 Yenimahalle ANKARA - TURKEY

T: +90 312 472 20 60 F: +90 312 472 20 65

info@x-tremeseries.com www.x-tremeseries.com



Compliance with IPC/JEDEC-J-STD-033D standards
Compliance with CE and RoHS