X-Treme Series

AUTO DRY CABINETS

DATASHEET
XL LINE

0.5%Rh **Humidity** | 100°C **Temperature**
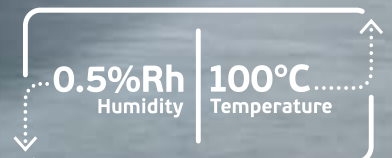
www.x-tremeseries.com

XL Line
(1840 lt)

Physical	
External Dimensions (WxHxD)	
XL Line Cabinets	1200 x 1990 x 1050 mm
Internal Dimensions (WxHxD)	Non-Insulated
	1197 x 1654 x 930 mm
Net Volume	Non-Insulated
	1840 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

Note: Internal Dimensions / Net Volume table:

	Non-Insulated	Insulated
Internal Dimensions (WxHxD)	1197 x 1654 x 930 mm	1178 x 1634 x 930 mm
Net Volume	1840 lt	1790 lt

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	1st Dryer	2nd 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

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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)

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 and 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
	Light ON Time	After Last Trigger, Adjustable: 0 - 240 minutes
Automatic Door Lock	Number of Locks	1 Lock per Door
	Lock Type	Automatic Door Locks by Password, 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

The choice of
55 COUNTRIES

SOME OF
OUR REFERENCES

LOCKHEED MARTIN	NASA	BOEING	BOSCH Invented for life	SIEMENS	AIRBUS
intel	Honeywell	THALES	Fraunhofer	BAE SYSTEMS	LEONARDO
RHEINMETALL	flex	SAFRAN Aerospace·Defence·Security	DIEHL Defence	Continental	PHILIPS
IAI	Lenovo	Sandia National Laboratories	Westinghouse	Leica	Schneider Electric
Ultra ELECTRONICS	ERICSSON	B|BRAUN SHARING EXPERTISE	Megger	Together ahead. RUAG	Boehringer Ingelheim
isro	TÜBİTAK	aselsan	VESTEL	arçelik	PHOENIX CONTACT
NNSA National Nuclear Security Administration	HAVELSAN	JAGUAR	BRITISH AMERICAN TOBACCO	ALSTOM	CCS Group
ayesaş	TEI TUSAŞ MOTOR SANAYİ A.Ş.	TÜRKHAVACILIK UZAYSANAYİİ	GENTEX CORPORATION	BNA	ESEN
Collins Aerospace	Heraeus	System Sensor	SEAGATE	MOOG	JABIL

and many more...

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The Fastest Dry Cabinets
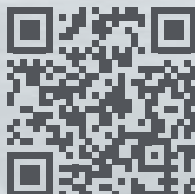## for Drying & Baking Electronic Components

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