

X-TremeSeries

AUTO DRY CABINETS

XS Line Cabinets



Physical					
External Dimensions (WxHxD)					
XS Line Cabinets	XS-300	606 x 1128 x 750 mm			
	XS-450	606 x 1128 x 1050 mm			
	XS-600	606 x 1990 x 750 mm			
	XS-900	606 x 1990 x 1050 mm			
Internal Dimensions (WxHxD)		Non Isolated Isolated			
XS Line Cabinets	XS-300	604 x 792 x 630 mm	584 x 772 x 630 mm		
	XS-450	604 x 792 x 930 mm	584 x 772 x 930 mm		
	XS-600	604 x 1654 x 630 mm	584 x 1634 x 630 mm		
	XS-900	604 x 1654 x 930 mm	584 x 1634 x 930 mm		
Net Volume		Non Isolated Isolated			
XS Line Cabinets	XS-300	300 lt	285 lt		
	XS-450	440 lt	420 lt		
	XS-600	625 lt	600 lt		
	XS-900	925 lt	890 lt		
Weight (Depends on Configuration)					
XS Line Cabinets	XS-300	90 Kg	Body Material	Electrostatic Painted Steel, Stainless Steel Interior Panel	
	XS-450	115 Kg			
	XS-600	134 Kg			
	XS-900	160 Kg			
Max. Load Capacity of a Shelf		50 Kg	Door Glass	24 mm Insulating Thermal Glass	
Height from Ground		30 mm	Shelves	-	
			XS Line Cabinets	XS-300 XS-450	Stainless Steel (2pcs.)
				XS-600 XS-900	Stainless Steel (5 pcs.)



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		Base	Light	N2	1 th Dryer	2 th Dryer	40° C Heater	60° C Heater
(Depends on Configuration)								
XS Line Cabinets	XS-300	10 W	-	5 W	750 W	-	1500 W	1500 W
	XS-450	10 W	-	5 W	750 W	-	1500 W	1500 W
	XS-600	10 W	-	5 W	750 W	-	1500 W	1500 W
	XS-900	10 W	-	5 W	750 W	-	1500 W	1500 W

Operational		
Humidity Set Range		0,5%-50% RH (%0,5 to Ambient)
Temperature Set Range (Optional)		20 °C – 45 °C (Optional 60 °C) (Ambient to Set Value)
Time to Reach to Set Humidity Level from Ambient		<7 min. with one Dryer
Number of Doors	XS – 300 / 600	1
	XS – 450 / 900	2
Door Lock		Automatic Locks with Password (Optional)

Display & Control Panel						
Display	Type	Graphic LCD with Backlight		Control Panel	Type	Touch Screen LCD Panel
	Color	Blue			Operating Force	<100 g
	Backlight Type	LED, White			Durability	>1.200.000 times pen selections (Force:250g, Speed:2cm/sec)
	Number of Dots	240 x 128 (horizontal x vertical)			Insulation Resistance	>10 MΩ (DC 25 V)
	Active Area	107,98 x 57,58 mm			Linearity	≤ ±1,5% for both X and Y axis

Measurements				Alarm Functions				
Relative Humidity Measurement	Location	Cabinet inside (Standard), Cabinet outside (Optional)			Alarm Type	Standard Internal Buzzer, Optional Alarm Light Bar		
	Range	0 – 99 % RH			Alarm Duration	Adjustable, Internal Buzzer: 5-255 sec. Alarm Light Bar: 1-60 min.		
	Accuracy	± 0.3 % RH (0...20 % RH) ± 1.5 % RH (20...99% RH) (After Calibration) (Indoor Sensor)			Humidity Level Alarm	Adjustable Offset: 0% - 40% Adjustable Time After Door Close: 1 – 60 minutes		
	Resolution	0.01 % RH < 10 % RH -- 0.1 %RH > 10% RH (Indoor Sensor)			Temperature Level Alarm			
Temperature Measurement	Location	Cabinet inside (Standard), Cabinet outside (Optional)			Door Left Open Alarm	Adjustable Time to Alarm: 10 – 240 seconds		
	Range	-20 - +90 °C			Environmental			
Temperature Measurement	Accuracy	± 0,5 °C (at 25 °C)			Relative Humidity	1% - 90% RH		
	Resolution	0.1 °C			Temperature	15 °C – 30 °C		
Date & Time		Date (DD.MM.YY) and Time (hh.mm.ss) display with RTC			Protection Class	IP 20		
Optional Features								
Secondary Dehumidifier Unit (Optional)	Advantage		60 % decrease in time to reach to set humidity level					
	Usage		As Standby, Sharing Drying Task With Intervals					
Heater (Optional)	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 (Optional)	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 (Optional)	Number of Locks		1 Lock at each Door					
	Lock Type		Solenoid Controlled, Open / Locked Status Monitoring					
	Control		Access Code Used as Password					
Shelve Capacity	Material		Stainless Steel					
	Maximum / Cabinet	XS	300-450	9 pieces.				
			600-900	21 pieces.				
	Minimum Shelf Height		60 mm					
Mounting/Demounting		Easy with Shelf Holder Parts, No Tools Required						
Customized Storage Options(Depends on Customers' Requirement)				Sliding Drawers				
				Sliding Feeder Holders				
Outdoor Sensor (Optional)	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 (Optional)	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					
Datalogger Card with Memory (Optional)	Memory Capacity: 4MB		Total Logging Time Capacity					
			Record 15 sec. Interval	Record 30 sec. Interval	Record 45 sec. Interval	Record 60 sec. Interval		
			22 days 18 hours 8 minutes	45 days 12 hours 16 minutes	68 days 6 hours 24 minutes	91 days 0 hours 32 minutes		
Communication Port (Optional)	USB (AF Type) Connector		Right Side of the Cabinet (Optional)					

Manufactured by;



EMT
ELECTRONICS

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