

X-TremeSeries

AUTO DRY CABINETS

XT Line Cabinets



Physical							
External Dimensions (WxHxD)	1200 x 1990 x 750 mm						
Internal Dimensions (WxHxD)	Non Isolated	Isolated					
	1198 x 1654 x 631 mm	1178 x 1634 x 631 mm					
Net Volume	Non Isolated	Isolated					
	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						
Shelves	Stainless Steel (10 pcs.)						
Electrical							
Voltage	220 -240 V AC 50 Hz – 110 V AC 60 Hz ($\pm 10\%$)						
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	1th Dryer	2th Dryer	40° C Heater	60° C Heater
XT Line Cabinets	10 W	58 W	5 W	750 W	750 W	1500 W	1500 W
Operational							
Humidity Set Range	0,5% - 50% RH (0,5 % to Ambient)						
Temperature Set Range (Optional)	45 °C – 60 °C (Ambient to Set Value)						
Time to Reach to Set Humidity Level from Ambient	<7 min. with one Dryer						
Number of Doors	4 or 2						
Door Lock	Automatic Locks with Password (Optional)						
Display & Control Panel							
Display	Type	Touch Screen LCD Panel					
	Color	Blue					
	Backlight Type	LED, White					
	Number of Dots	240 x 128 (horizontal x vertical)					
	Active Area	107,98 x 57,58 mm					
Control Panel	Type	Touch Screen LCD Panel					
	Operating Force	<100 g					
	Durability	> 1.200.000 times pen selections (Force:250g, Speed:2cm/sec)					
	Insulation Resistance	> 10 M Ω (DC 25 V)					
	Linearity	$\leq \pm 1,5\%$ for both X and Y axis					
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 - +90 °C					
Temperature Measurement	Accuracy	$\pm 0,5$ °C (at 25 °C)					
	Resolution	0.1 °C					
Date & Time	Date (DD.MM.YY) and Time (hh.mm.ss) display with 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% - 40%				
Temperature Level Alarm	Adjustable Time After Door Close: 1 – 60 minutes				
Door Left Open Alarm	Adjustable Time to Alarm: 10 – 240 seconds				
Environmental					
Relative Humidity	1% - 90% RH				
Temperature	15 °C – 30 °C				
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	42 pcs. (2 in a row)			
	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 $\pm 1.5 \%RH$			
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;



EMMT
ELECTRONICS

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