

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		25 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	-	1400 W	1400 W
	XS-450	10 W	-	5 W	750 W	-	1400 W	1400 W
	XS-600	10 W	-	5 W	750 W	-	1400 W	1400 W
	XS-900	10 W	-	5 W	750 W	-	1400 W	1400 W

Operational		
Humidity Set Range		1% - 50% RH (1 % to Ambient)
Temperature Set Range (Optional)		20 °C – 45 °C (Optional 60 °C) (Ambient to Set Value)
Time to Reach to Set Humidity Level		<15 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 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 L. Bar: 1-60 min.		
	Accuracy	± 0.3 % RH (0...20 % RH) ± 1.5 % RH (10...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	Adjustable Time to Alarm: 10 – 240 seconds		
Temperature Measurement	Location	Cabinet inside (Standard), Cabinet outside (Optional)			Environmental			
	Range	-20 - +90 °C			Relative Humidity	1% - 90% RH		
Temperature Measurement	Accuracy	± 0,5 °C (at 25 °C)			Temperature	15 °C – 30 °C		
	Resolution	0.1 °C			Protection Class	IP 20		
Date & Time	Date (DD.MM.YY) and Time (hh.mm.ss) display with RTC							
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			Behind the Cabinet (Optional)				



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