

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 Insulated	Insulated
XS Line Cabinets	XS-300	604 x 792 x 630 mm	584 x 772 x 630 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 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		25 Kg	
Height from Ground		30 mm	

Body Material		Electrostatic Painted Steel, Stainless Steel Interior Panel
Door Glass		24 mm Insulating Thermal Glass
Shelves		Varies with Configuration
XS Line Cabinets	XS-300	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 (Depends on Configuration)		Base	Light	N2	1 st Dryer	2 nd Dryer	40° C Heater	60° C Heater
XS Line Cabinets	XS-300	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		0,5% RH - 95% RH (%0,5 to Ambient)	
Temperature Set Range (Optional)		20 °C – 45 °C (Optional 60 °C, 100 °C) (Ambient to Set Value)	
Time to Reach to 1% RH Humidity Level from Ambient		<15 min. with one Dryer	
Number of Doors	XS – 300 / 600 / 900	1	
	XS – 600 / 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

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)			

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	$\pm 0.3\%$ RH (0...20 % RH) $\pm 1.5\%$ RH (10...99% RH) (After Calibration) (Indoor Sensor)	Humidity Level Alarm	Adjustable Offset: 0% - 40% Adjustable Time
	Resolution	0.01 % RH <10 % RH -- 0.1 %RH > 10% RH (Indoor Sensor)	Temperature Level Alarm	After Door Close: 1 – 60 minutes
Temperature Measurement	Location	Cabinet inside (Standard), Cabinet outside (Optional)	Door Left Open Alarm	Adjustable Time to Alarm: 10 – 240 seconds
	Range	-20 - + 110 °C	Environmental	
Temperature Measurement	Accuracy	$\pm 0.5\text{ }^{\circ}\text{C}$ (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