

XS-300

Cabinet



Information

Product Name	XS-300 Cabinet
Part Code	Depend on the configuration ^[1]

Physical Features

External Dimensions(WxHxD)	606 x 1097 ^[1] x 751 mm
Internal Dimensions(WxHxD)	Non Insulated: 603 x 792 x 656 mm Insulated: 584 x 771 x 565 mm
Internal Net Volume	Non Insulated = 313 lt Insulated = 260 lt
Weight	90 kg ^[1]
Max.Load Capacity of a Shelf	40 or 90 kg ^[1]
Ground Clearance	30 mm
Door Glass	Thermal Insulated Glass
Standart Door	1 Door
Shelf Capacity	8
Caster and Legs	4 Casters (2 Lockable) and Adjustable Stabilization Legs
Material	Powder Coating Carbon Steel

Shelves Features

Material	Stainless Steel 430
Dimensions(WxHxD)	Fixed (WxHxD): 580 x 20 x 565 mm Sliding (WxHxD): 490 x 50 x 556 mm

Electrical Features^[1]

Voltage	220 – 240 V AC 50-60 Hz, 110-120 V AC 50-60 Hz					
Power Consumption	Base	Dryer Unit	Light	N2 Auto Flow Unit	Cooling Unit (15 °C)	Heater Kit (45 °C, 60 °C)
	30 W	800 W	14 W	50 W	420 W	1200 W

Operational Features^[1]

Humidity Set Range	0.5% to 98%
Temperature Set Range	min 15 °C, max 45 °C, max 60 °C
Drying Performance	50% Rh to ≤ 1% Rh under 7 minutes, 50% Rh to ≤ 5% Rh under 4minutes



Measurements

Relative Humidity & Temperature Sensor Accuracy to the Reference Meter After Calibration	Humidity : $\pm 0.3\% \text{ RH}$ (0...20% RH) $\pm 1.5\% \text{ RH}$ (20...99% RH)
	Temperature : $\pm 0.5^\circ\text{C}$ (at 25°C)
	Humidity Resolution : 0.01% RH
	Temperature Resolution : 0.01°C

System Features

Operating System	V2.x or V3.x
Display	V2.x : 107 × 57 mm V3.x : 154 × 85 mm (7")
Display Resolution	V2.x : 240*128 pixels V3.x : 800*480 pixels
Interface Type	Wi-Fi(Wireless) ^[1] , RJ45 LAN ^[1] , USB-A
Datalogger	Captures detailed, minute-by-minute, daily, weekly, monthly, and yearly records
Date & Time	Real Time Clock, Date (dd.mm.yy), Time (hh:mm:ss)
Traceability Solution	Remote Monitoring System (RMS)
Access Control	RFID Access (125 kHz or 13,56 MHz)
Lighting Solution	Interior Lighting System (2-Color Light)

Alarm Functions

Alarm Type	Standard Internal Buzzer, E-mail
Humidity Level Alarm	Humidity (+/-) Offset %Rh: 0 – 40, Time To Alarm Period (min): OFF – 240
Temperature Level and Cycle Alarm	Temperature (+/-) Offset °C: 0 – 40, Time To Alarm Period (min): OFF – 240
Door Ajar (Left Open) Alarm	Time To Alarm (sec): 0 – 600, Repeat Period (min): 0 – 20
System Errors / Malfunctions	Buzzer Alarm Duration (sec): 0 – 240, Ext. Alarm Duration (min) 0-60

Environmental

Relative Humidity	1% - 90% RH
Temperature	15 °C – 40 °C
Protection Class	IP 20

Accessories

• AISI 430 Stainless Steel Body Option • Stainless Steel Shelves • Stainless Steel Sliding Shelves • Stainless Steel FIFO Shelves • Stainless Steel Reel Holders • Stainless Steel PCB Holders • Stainless Steel U-Divider • Stainless Steel I-Divider • Custom Sliding Feeder Storage Solution • Solder Paste (Jar) Storage Solution	• Solder Paste (Vertical Syringe) Storage Solution • Dryer Unit • Second Dryer Unit • N2 Auto-Flow Unit • Password-Enabled Automatic Door Locks • Thermal Insulation • Heater Kit (45 °C, 60 °C) • Cooling Unit (15 °C) • Extraction Unit for Venting Internal Air to the Outside • Outdoor Humidity and Temperature Sensor	• External Alarm Bar with Magnetic Base, 2-Color Light and Buzzer • Humidifier Unit • Internal HEPA Filter Class 1000 (ISO 6) • Indoor UV Light • Integrated Oxygen Sensor • Power Consumption Monitoring Module • Modbus/ERP Connectivity Software Module • MSD (Moisture Sensitive Device) Traceability Software • X-Smart Light Stainless Steel Sliding Shelf with 3 SL7 Units (Slot-Free for 7" Reel Tapes) • X-Smart Light Stainless Steel Sliding Shelf with 1 SL7 Units + 1 SL15 Unit (Slot-Free for 13"-15" Reel Tapes)	• X-Smart Light Separator for 7" Reel Tapes • X-Smart Light Separator for 13"-15" Reel Tapes
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[1] This statement indicates a condition that may vary depending on specific options, or configurations
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