

XS-900

Cabinet



Information

Product Name	XS-900 Cabinet
Part Code	Depend on the configuration ^[1]

Physical Features

External Dimensions(WxHxD)	606 x 1958 ^[1] x 1051 mm
Internal Dimensions(WxHxD)	Non Insulated: 603 x 1653 x 957 mm Insulated: 584 x 1633 x 865 mm
Internal Net Volume	Non-Insulated = 950 lt Insulated = 824 lt
Weight	160 kg ^[1]
Max.Load Capacity of a Shelf	40 or 90 kg ^[1]
Ground Clearance	30 mm
Door Glass	Thermal Insulated Glass
Standart Door	2 Doors, Optional: 1 Door
Shelf Capacity	16
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 865 mm Sliding (WxHxD): 490 x 50 x 850 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 : $0.01\% \text{ RH}$
	Temperature Resolution : 0.01°C

System Features

Operating System	V2.x or V3.x
Display	V2.x : $107 \times 57 \text{ mm}$ V3.x : $154 \times 85 \text{ mm}$ (7")
Display Resolution	V2.x : $240 \times 128 \text{ pixels}$ V3.x : $800 \times 480 \text{ pixels}$
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 $^\circ\text{C}$: 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 4 x SL7 Units
- X-Smart Light Stainless Steel Sliding Shelf with 2 x SL7 Units + 1 pcs. of SL15

- X-Smart Light Stainless Steel Sliding Shelf with 2 x SL15 Units
- X-Smart Light Separator for 7" Reel Tapes
- X-Smart Light Separator for 13"-15" Reel Tapes

[1] This statement indicates a condition that may vary depending on specific options, or configurations
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