



# XLC Insulated

## 2 ° C, 100 ° C, 125 ° C

Information	
Product Name	XLC Insulated 2°C, 100°C, 125°C Cabinet
Part Code	Depends on the configuration
Physical	
External Dimensions (WxHxD)	1316 x 1990 x 1100 mm
Internal Dimensions (WxHxD)	1293 x 1634 x 980 mm
Internal Net Volume	2070 liters
External Net Volume	2507 liters
Weight	280 kg <sup>[1]</sup>
Max.Load Capacity of a Shelf	40 or 90 kg <sup>[1]</sup>
Ground Clearance	30 mm
Material	DKP (Powder Coating Paint, Ral 7046)
Door Glass	Thermal Insulated Glass
Standart Door	Standart: 2 Doors, Optional: 4 Doors
Shelf Capacity	22
Shelves Features	
Material	Stainless Steel 430
Standart (WxHxD)	580 x 20 x 865 mm
Sliding (WxHxD)	490 x 50 x 850 mm
Electrical	
Voltage	220 - 240 V AC 50 Hz, 110 V AC 60 Hz <sup>[1]</sup>
Maximum Power Consumption	3200 W
Operational	
Humidity Set Range	0.5% to Ambient
Temperature Set Range	2 ° C , 100 ° C , 125 ° C
Drying Performance	50% Rh to ≤ 1% Rh under 7 minutes, 50% Rh to ≤ 5% Rh under 4 minutes <sup>[1]</sup>

Measurements	
Relative Humidity & Temperature (Indoor & Outdoor Sensor)	Accuracy (Humidity) : $\pm 0.3\%$ RH (0...20% RH) $\pm 1.5\%$ RH (20...99% RH) (After Calibration)
	Accuracy (Temperature) : $\pm 0.5^{\circ}\text{C}$ (at $25^{\circ}\text{C}$ )
	Resolution (Humidity) : $\pm 0.01\%$ RH
	Resolution (Temperature) : $\pm 0.1^{\circ}\text{C}$

System Features	
Operating System	V2.x or V3.x
Display	V2.x : 107 x 57 mm V3.x : 154 x 85 mm (7")
Display Resolution	V2.x : 240*128 pixels V3.x : 800*480 pixels
Interface Type	Wi-Fi(Wireless) <sup>[1]</sup> , RJ45 LAN <sup>[1]</sup> , 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)

Alarm Functions	
Alarm Type	Standard Internal Buzzer, Optional Alarm Light Bar, E-mail
Alarm Duration	Internal buzzer: 0-240 sec. Alarm L. Bar: 1-60 min.
Door Ajar (Left Open) Alarm	Time to Alarm: 5 – 30 sec.
Humidity Level Alarm	(+/-) Offset: 0% - 40% Rh
Temperature Level and Cycle Alarm	(+/-) Offset: 0 $^{\circ}\text{C}$ – 40 $^{\circ}\text{C}$

Accessories		
<ul style="list-style-type: none"> <li>· Stainless S. Shelves</li> <li>· Stainless S. Sliding Shelves</li> <li>· FIFO Shelves</li> <li>· Reel Holders</li> <li>· PCB Holders</li> <li>· Stainless S. U Divider &amp; I Divider</li> <li>· Custom Sliding Feeder Storage Solution</li> <li>· Solder Paste (Jar) Storage Solution</li> <li>· Solder Paste (Vertical Syringe) Storage Solution</li> </ul>	<ul style="list-style-type: none"> <li>· Smart Nitrogen (N<sub>2</sub>) Unit</li> <li>· Humidifier Unit</li> <li>· Hepa Filter</li> <li>· Dryer Unit</li> <li>· Second Dryer Unit</li> <li>· Heater Kit 45<math>^{\circ}</math> C</li> <li>· Heater Kit 60<math>^{\circ}</math> C</li> <li>· Gas Cooling Unit 15<math>^{\circ}</math> C</li> <li>· Water Cooling Unit – Chiller</li> </ul>	<ul style="list-style-type: none"> <li>· Automatic Door Locks</li> <li>· Indoor Light</li> <li>· External Alarm Light Bar</li> <li>· RFID Access</li> <li>· Indoor Humidity &amp; Temperature Sensor</li> <li>· Outdoor Humidity &amp; Temperature Sensor</li> <li>· Oxygen (O<sub>2</sub>) Sensor</li> <li>· Extraction Unit</li> </ul>

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

Datasheet contains final specifications. EMT SYSTEMS INC. reserves the right to make changes at any time without notice to improve the design. The datasheet is for reference information only.

Manufactured by EMT SYSTEMS INC.

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