XSDC Series

Outstanding cooling performance

Solder Paste Storage
Jars & Cartridges

XSDC SERIES

HIGH END TECHNOLOGY

FIFO by hardware

1. Standard (in-height adjustable) shelf
The shelf which holds 40 kg of load and comes standard (3pcs) with the cabinet

2. FIFO shelf for jars
This inclined shelf makes sure that the solder paste jars are sliding forward creating a FIFO principle. The shelf has 6 seperated sliding tracks. In total 42 jars can fit the shelf, and 3 FIFO shelves fit the cabinet. By creating barcodes in front of each slide, you can design locations and use it in combination with our solder paste software module to get even more tracking possibilities.

3. FIFO module for Cartridges & Jars
This module is designed to store your solder paste cartrdiges, tip-down. Big or small cartridges, the module is flexible and can hold both sizes. The module is on a turning spring, to load the cabinet you turn the module and fill the back with the new solder paste. After filling it, you turn it back again and it's locked in position. The module for big & small cartridges can hold up to 105 pcs. The module filled with just small cartridges can hold up to 175 pcs. This module can also be configured to fit 180pcs of Jars. Like the shelf for jars, this module is extendable with our software module by creating locations on each slot and track your solder paste on an even higher level.

Totech Storage Manager compatible
The software suite that keeps you connected and enables you to organise, supervise, locate, and track the moisture sensitive devices used in your entire factory.

COOL SOLUTIONS

XSDC Cooling Cabinets from Totech EU deliver solutions for applications that require cooling, particularly solder paste storage. The XSDC 601 cooling cabinets maintain an internal temperature of 0-12 ºC with little energy expenditure. Constructed from dual wall insulated stainless steel, they incorporate 40 kg capacity shelves. Maintaining tracking of paste locations and time in and out of the refrigeration are possible with additional software.

FEATURES	XSDC 601-01	XSDC 601-05	Cartridges & jar module	Jar shelves
Ext. dimensions (WHD)	701 x 2060 x 735 mm	701 x 2060 x 735 mm		
Effective capacity	466 L	466 L		
Body	Full stainless steel body	Full stainless steel body		
10" Touchscreen display	✓	✓		
Cooling unit	0-12 ºC	0-12 ºC		
Max loading capacity	300 kg	300 kg		
Capacity big cartridges			105	
Capacity small cartridges			175	
Capacity Jars			180	126 (42 jars x 3 shelves)
Weight	113 kg	113 kg		
Weight on shelf	40 kg	40 kg		
Power consumption	+/- 60-100 W/h (ambient temperature)	+/- 60-100 W/h (ambient temperature)		
Number of shelves	3 (530 x 500 mm)	3 (535 x 500)		3 (530 x 510 x 100 mm)

Characteristics

Climate control
Precision NTC thermistor (601-01)
Rotronic sensor with accuracy
+/- 0.2 ºC (601-05)

Cabinet Performance
+/- 20 minutes after approx.
10 hours of power failure

Cooling unit
Cooling from 0-12 ºC. Coolant
R452a

Cabinet temperature
0-12 ºC

Cabinet control:
Limit value settings through display (601-01) or web inter-face Door and humidity alarm function (601-05)

Smart Connect
XSDC 601-01 can not be integrated within a network (datalogger optionally available) XSDC 601-05 is ready to be integrated winthin a network.

SMART CONNECT SOLUTIONS

SOLDER PASTE MODULE

By using the Totech Storage Manager you can control your solder paste on an even more detailed level then just using the FIFO hardware. By introducing the Solder Paste locator in our software suite, you are now able to track and trace your solder paste's location and timestamps throughout different „warehouses" in your factory. This is an addition to the base logging, monitoring and locating modules, which make sure your logfiles are saved and email notifications are triggered by alarms.

Not only the cooling cabinets itself but also a tempering area, or your printer can be added as a „warehouse" in the storage manager. This makes sure that the process of storing, tempering and in the production, printing is all documented and tracked. The Storage Manager can trigger emails on certain set timeframes, to make sure your solder paste is handled in the correct way along the process.

With the addition of this solder paste locator you can use our software suite not only for our wide range of storage and drying cabinets filled with moisture sensitive devices but also for cooling cabinets filled with solder paste.

Because our Storage Manager is built in a modular way, existing customers who already have the storage manager installed can easily integrate this additional module into the installed suite.

Totech Storage Manager Suite

Logging Module
ensures that data such as relative humidity and temperature, measured by the system's sensors, is retrieved and logged.ugh an optional smart-watch extension.

Monitoring Module
enables you to set alarms. Notifications will be raised by the Storage Manager on multiple devices, by email, or even through an optional smartwatch extension

Locating Module
enables you to store your products in and out by scanning them. This module keeps track of the storage location and timing of the storage processes.

MSL Status Module
keeps track of the time a product is scanned in or out of a location and calculates the remaining floor life and drying status according to JEDEC-J-STD-033D or the Totech reference drying table.

Solder Paste Module
gives you an overview of the oldest solder paste cartrdige or jar in the fridge and tracks the solder paste when tempering.

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