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MP Dry Cabinet

Cooling Cabinet **T05**

Smart drying and storage solutions



dry-cabinet.com

Cooling Cabinet T05

Our new T05 cooling cabinets are ideal for any kind of application, where cooling is required, mostly solder paste storage. We build them in 3 different sizes, so you can always choose the best one for you. And of course, as experts for customization, we can actually build any size, if our standard sizes do not match your expectations. All our cabinets are compatible with the latest Industry 4.0 standard.

Powerful cooling aggregate inside of the cabinet together with a perfect insulation allows temperatures below 0 °C, so it is easy to maintain programed temperature level.

To be different on the market we have developed unique access to our cooling cabinets. Using the front and rear door concept together with our state of the art RFID Access Control (option) allows you to effectively control your material flow through your entire production floor as well as apply FIFO systems if needed. For these cases we have developed our own shelves to fit any kind of solder paste jars or syringes.

DOUBLE-SIDED ACCESS FOR MORE CONTROL

Together with our RFID Access control system you can use the advantage of monitoring the material flow in your cooling cabinet. Load your new material into the cooling cabinet through the back side of the cabinet. The front side is only for taking out the material, whenever needed. This principle is helping you to stop unwanted aging of stored materials (e.g. solder paste) in your cooling cabinet. The access to both sides can be done only by dedicated operators and is fully monitored and stored by our RFID access software.

All this together is a very good first step for implementing a more sophisticated FIFO system into your production material flow.



FRONT SIDE

BACK SIDE

MP DRY CABINET T05 I



DIMENSIONS
700×1190×710 mm

MP DRY CABINET T05 II



DIMENSIONS
700×2040×710 mm

MP DRY CABINET T05 IV



DIMENSIONS
1410×2040×710 mm

COOLING CABINET T05 SPECIFICATIONS

STANDARD CONFIGURATION

FULL STAINLESS STEEL BODY	✓	RFID ACCESS WITH ELECTROMAGNETIC DOOR LOCK	•
DOUBLE SIDED ACCESS OR SINGLE DOOR	✓	PASSWORD PROTECTED ELECTROMAGNETIC DOOR LOCK OR TIMER	•
COOLING AGGREGATE 0 °C TO AMBIENT (PROGRAMABLE IN 1°C STEPS)	✓	MECHANICAL DOOR LOCK	•
ROTRONIC SENSOR +/- 0.1 °C	✓	SLIDE-OUT SHELVES (MAX. 100 KG)	•
FULLY GRAPHICAL TOUCH DISPLAY - IDEC	✓	STANDARD SHELVES (MAX. 100 KG)	•
INTEGRATED DATALOGGER (TEMPERATURE / DOOR OPENINGS)	✓	CUSTOMIZED SHELVES (JARS / SYRINGES)	•
LAN NETWORK CONNECTION	✓	DRYING UNIT MPDRY 5	•
USB CONNECTOR	✓	STAINLESS STEEL STAND FOR T05 I	•
CONFIGURABLE ACOUSTIC ALARM (OPEN DOOR ALARM, TIME DEFINED BY USER, ALARM FOR NONFUNCTIONAL COOLING UNIT)	✓	INTERNAL NITROGEN ATMOSPHERE	•
HEIGHT-ADJUSTABLE LEGS	✓	DRY CABINET SOFTWARE	•
ESD WHEELS	✓	INTERIOR LED ILLUMINATION	•
DITHERMAL METAL COATED GLASS	✓	STATUS LIGHT	•
		FIFO SYSTEM	•

• optional accessories