



Storage Cabinet



Outstanding performance

The newest and highest performance version in the venerable SD range is the SD+. New, upgraded hardware and software include a high accuracy digital sensor and integrated data logger. all climate data can be tracked and recorded over time through an Ethernet connection and included software.

The integrated data logger can provide all climate data and door openings from the cabinet through Ethernet and free available software, for further analysis.

The circulation of air in the cabinet is regulated through an integrated fan.

All surfaces are ESD coated in conformity with current ESD 61340-5-1 standard.

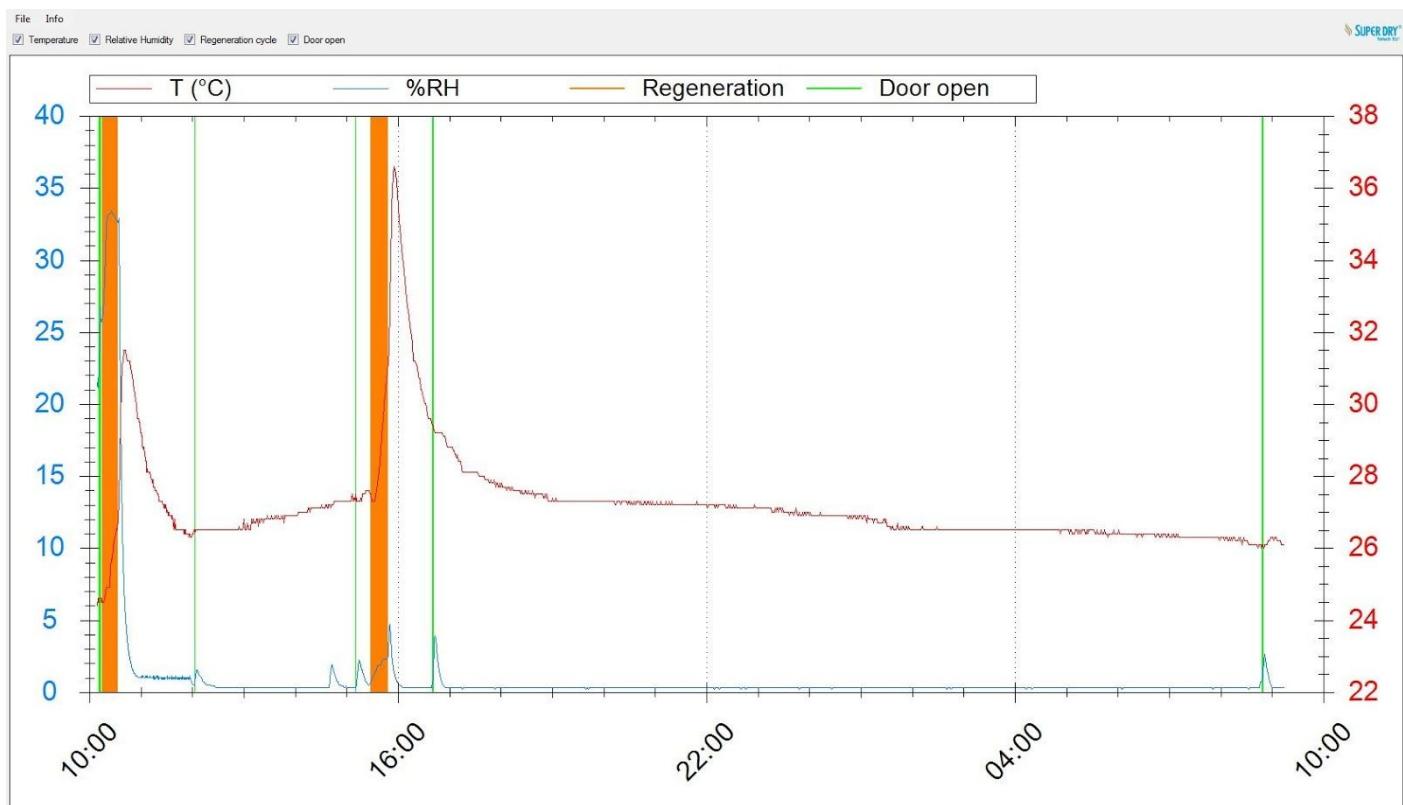
The SD+ 1106-22 is ideal for the moisture-proof and anti-oxidation storage of wide-ranging technologies and conforms with IPC/JEDEC J- STD 033C & IPC-1601.



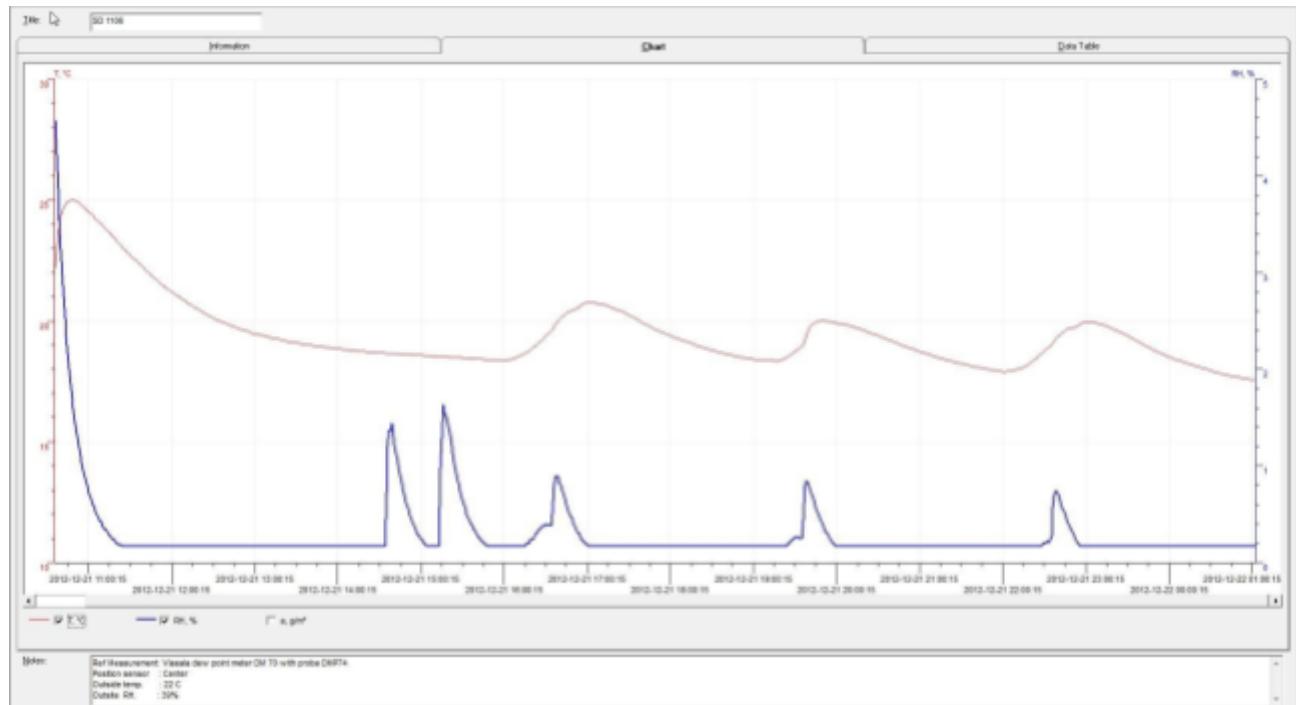
Free Totech viewer

- ✓ Writing of climate data, door openings and alarms to SD card
- ✓ Transfer data through Ethernet to PC (history data)
- ✓ User-friendly display of all relevant data
- ✓ Data processing in MS-Excel

- ✓ Seamless documentation
- ✓ Excellent process safety



Performance test

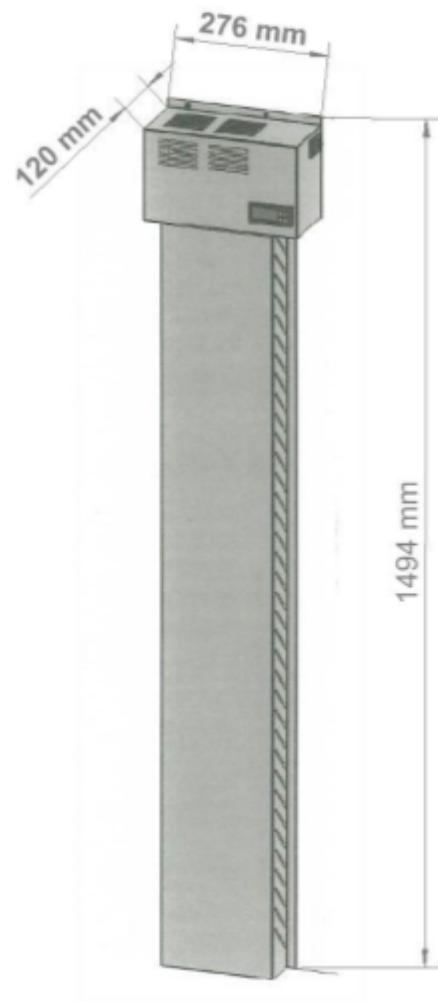
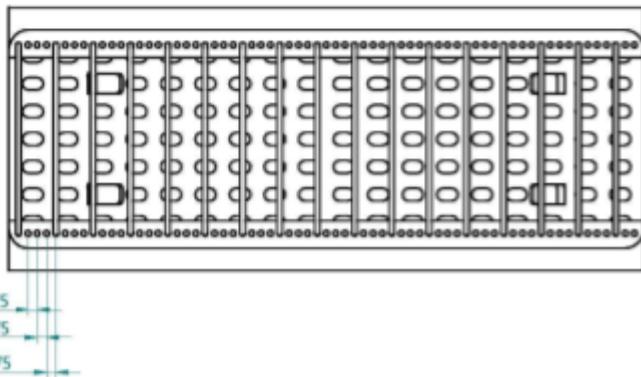
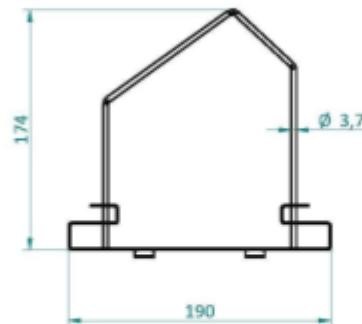
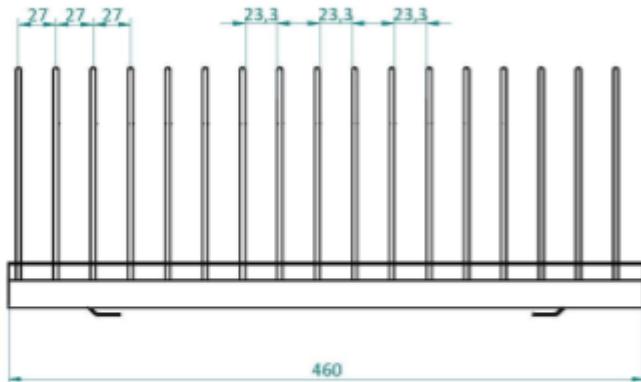


Test conditions

- ✓ Instrument: Vaisala drycap 180M
- ✓ Accuracy of dew point sensor: ± 0,2° C at + 20° C (+ 68° F)
- ✓ Location of sensor: In the direct surroundings of cabinet sensor
- ✓ Ambient conditions: Hum. 50 ± 5% rH, 25°C ± 2°C, Pressure 994 ± 20 hPa
- ✓ Dooropenings: 2 door openings, 15 sec.

For more detailed test results, please refer to our website.

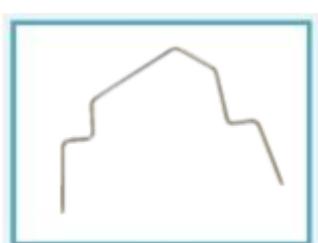
Technical drawings



Options

SMD Reel rack with reel supports
460 mm length.

Item number 20014000



Reel support
Additional reel supports for 20014000.

Item number 20014200



Humidity alarm signal lamp
Two-color (orange/green or red/green), magnetically fixed, providing optical signals on operational states and exceeded limit values.
Operates on 24V.

Item number 20016030



N² Autoflow system
The autoflow system is developed to use in combination with a Totech drying cabinet. The device is used for the quick removal of moisture in the cabinet after the doors have been opened. The drying process is realised by using Nitrogen (N²), which is purged automatically after the doors are closed. (timer controlled)
Item number 22613000



Heater SH 230-4
40°C heater

Item number 21001001

Options

MSL 2.0 software for 1000 components



Software solution for the monitoring of moisture sensitive components and their MSL states during storage and processing in the production. The exact drying state individually for each component is monitored and displayed with the software. One of the possibilities is that it can read out multiple HC2A-S sensors. To adjust storage conditions, picking of stock, removal of used parts and more stock control. A complete history for each component is traceable up to the full processing. The evaluation of the drying conditions is based on the requirements of the IPC / JEDEC J-STD-033B1 directive.

Item number 20010036

MSL software upgrade with additional 1000 components

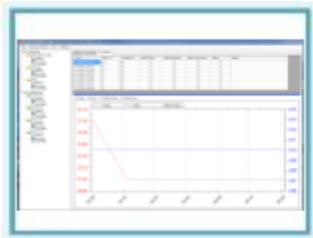
Upgrade to monitor an additional 1000 components

Item number 200174502

Totech Monitor software

Realtime cabinet monitoring with alarm function, sending e-mails with detailed information on the status of the cabinet. History data files with graphical overview

Item number 47000583



V17.12