

XSD-1404-52 Dry Cabinet >technical product page<

Our XSD 1404 achieves an average dryness of up to 0.5%RH. The cabinet stands out by its high-quality stainless steel design. For its fitments, we used components of premium quality.

Features

Stainless Steel Shelves – The cabinet will be supplied including 10 individual shelves. The pull-out grid shelves allow for flexible height affixing.

Insulation – The inner body provides double-walled insulation. This facilitates temperatures of up to 60°C.

Operation – The clearly arranged and user-friendly text display provides for an easily readable measured value (monitoring) and plain text display of all relevant indications. Data input is made on an integrated control panel. Nominal humidity and temperature values as well as limit values for integrated alarms can thus be set reliably and conveniently.

Sensor – High-performance sensor made by Rotronik; providing an accuracy of $\pm 1\%$ RH / optionally also available with $\pm 0.6\%$ RH.

Heater – functions on base of recirculating air, digitally controlled up to max. 60°C, serving to support and dry your component parts according to IPC-J-STD 033B.

Dry Unit – A dry unit of series U-5000 ensures silent and maintenance-free operation with automatic regeneration. A radial fan provides for a maximum of dehumidification. It ensures drying from 50% RH to 1% RH within only 180 seconds.

Automatic Doors – The dry cabinet's door is monitored by means of a switch. As soon as the door has been closed, the internal air circulation will start at a maximum drying performance.

ESD-Protection – All surfaces of the dry cabinet as well as the doors' glass inserts are electrically conductive and ensure protection from harmful discharges.



Options

Signal Lamp, two-color, magnetically fixed, providing optical signals on operational states and exceeded limit values.

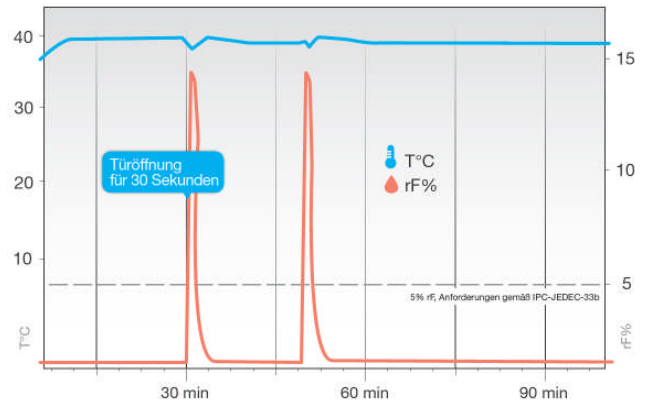
SMD Roll Holders, unmounted, of 460 mm length, and mounted extractable to shelf.

Software for communication to sensor; facilitates retrieval of integrated data logger as well as online monitoring with additional alarm functions via mail or SMS.

Technical Data

External dimension (WxHxD): 1470 x 2090 x 800 mm
 Internal dimension (WxHxD): 1318 x 1495 x 590 mm
 Weight: 230 kg
 Weight on shelf: 50 kg
 Shelves (WxD) : 10 Pc, 570 x 580 mm
 Volume: 1150 l
 Voltage: 230 V, 50 Hz, 1450 W max
 120 V, 60hz
 Power consumption: 150 W/h (60°C)
 R.H%: <0,5 % RH
 Sensor Accuracy: ±3 % RH, ±0,3°C
 Temperature: max. 60°C, ±1,5°K

Diagram



Drawing XSD-1404-52

