

XSD-1404-53 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 – A clearly arranged and user-friendly touch screen display facilitates safe setting of the following functions: alarm, temperature, and dryness. Respective data can be read from a graph at any time. An SD card allows for the data's storage and transmission.

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.

Interior Lighting – using energy-saving illuminants.

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

Optional Equipment

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.

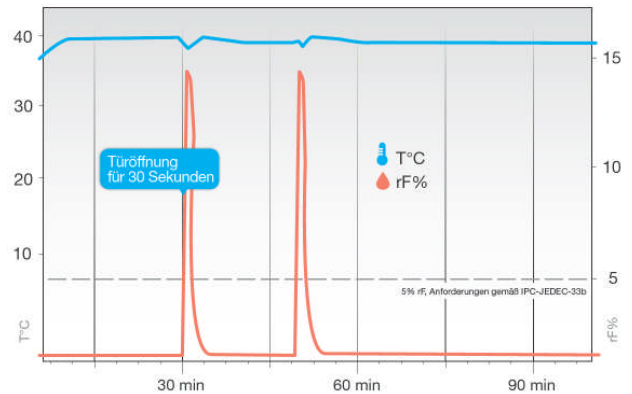
Software for communication to sensor; facilitates retrieval of integrated data logger as well as online monitoring with additional alarm functions via mail or SMS.



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-1404-53

