



SDI-451-22



The models of the insulated SDI series are particularly recommended for temperature-controlled drying. Low relative humidity and temperatures up to 40°C accelerates the drying process. The thermal insulation ensures low energy consumption and homogeneous temperature distribution inside the cabinet.

The new SDI Series is, equipped with a dynamic drying unit U-2000. Engineered for medium to long-term constant low humidity storage of $\leq 5\%$ RH.

Humidity, temperature, alarm functions are shown and can be adjusted on a digital display.

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

The SDI-451-22 is ideal for the moisture-proof and anti-oxidation storage of wide-ranging technologies and conforms with IPC/JEDEC J- STD 033C & IPC-1601.





Features

- Accuracy of sensor RH% & T°C
- Lockable doors
- Shelves
- Door alarm
- Dry unit
- 22 serie digital panel
- Heater
- Power supply
- +/- 3% RH, +/-0.3 °C
- 1 door locked with key.
- 6 in height adjustable chrome steel shelves.
- Door is equipped with a switch which triggers the humidity or door alarm if the preset value is exceeded.
- 1 x U 2000 dry unit.
- Very convenient settings of RH%, temperature, alarm and calibration functions.
- Standard 40 °C heater
- Cable 5 meter with IEC plug

Benefits

- Maintenance
- Highly energy sufficient
- Option availability
- Recoverytime after dooropening
- Adjustable legs
- Temperature
- IPC
- The drying unit is maintenance free.
- Average power consumption 33 W/h. due to insulation
- SMD Reel racks, alarm light etc.
- <30 min to below 1%. (by 1 door opening)
- For leveling out.
- Maximal up to 40 °C
- According to IPC/JEDEC J- STD 033C & IPC-1601.





Technical Data Cabinet

- External dimensions: (W x H x D) 660 x 1897 x 687 mm
- Internal dimensions: (W x H x D) 560 x 1409 x 478 mm
- Weight: 155 kg
- Weight on shelf: aprox. 50 kg
- Body: Stainless Steel,
- Shelves (W x D): 6 pcs, 550 x 430 mm adjustable
- Volume: 450 L
- Voltage: 230 V AC (120 V AC optional)
- Power consumption: 33 W/h (including heater)
- Protection class: hard grounded, Class 1
- Humidity level cabinet: Drying ≤5% RH *

*(depending on amount of door openings)

Technical Data Dry Unit U-2000

- Control: Adjustable with control panel 22-series
- Voltage level: 230 V/50 Hz. (optional 120 V/60 Hz)
- Power consumption: 35 W/h
- Dimensions: W x L X D = 260 mm x 380 mm x 100 mm
- Weight: 8,1 kg.

Technical Data 22 Display

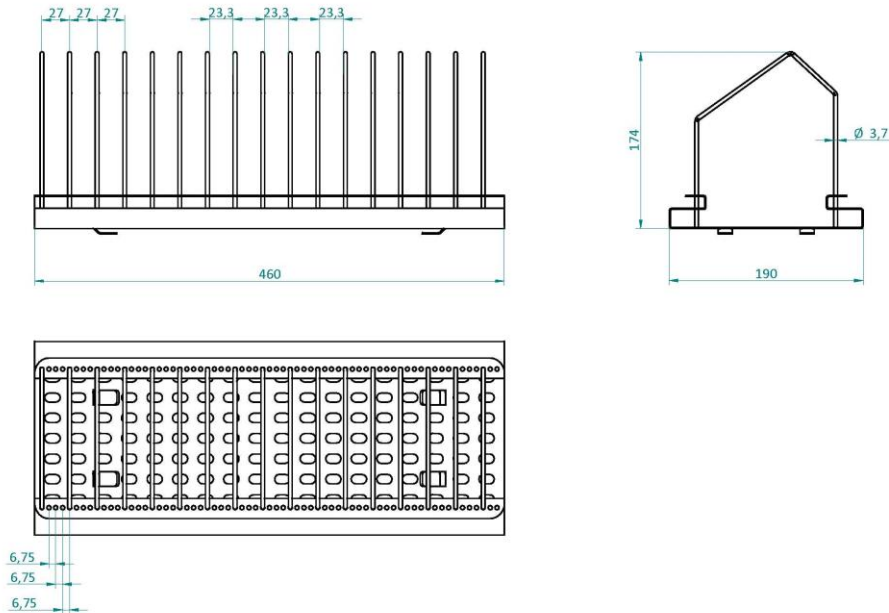
Settings:

- Nominal value humidity
- Nominal value humidity alarm (indicator)
- Delay time humidity alarm
- Nominal value temperature
- Door alarm buzzer
- Offset possibilities





Technical Drawings reel racks



Dimensions of the SMD Reel Rack, item number 20014000

Options



SMD Reel Rack,
460 mm length, and mountable on shelf.

Item number 20014000

SMD Reel supports,
reel support for 2001400

Item number 20014200



Humidity calibrator Hygropalm 22,
precision measuring device for calibrating sensors

Set including Hygroclip sensor, case and cable
Item number 20001019

Hygropalm only
Item number 20001016



Humidity alarm light Red or Orange,

Item number 20016033

