

Dry Cabinet with Digital Display (LED)

Model TH(TN)1001/1002/1003 D



Description: Dry cabinets(dampproof cabinets ,storage cabinet)

Model: TH1001D 20-60%RH
 TH1002D 10-20%RH
 TH1003D 1-10%RH

Outside dimensions: W400*D400*H750MM (15.75"×15.75"×29.53")

Inside dimensions: W398*D375*H692MM (15.67"×14.76"×27.24")

Capacity: 115L

Sheets: 2PCS / 3Layers

Power: 220V/50HZ, 110V/60HZ

Display: Gauge or LED

- 1) Humidity adjustable, energy saving design digital LED display
- 2) 1.0mm thick steel body, rustproof paint, 4mm toughened glass, import sensor,
- 3) Moisture absorbs continuously with sustention for 24hours.
- 4) Suitable for storing: photographic & optic lens, cameras or digital photography, audiovisual, precise instruments, food, paper materials, films, chemical and medical materials, ect.
- 5) Slip layer board make the interspace adjustable.
- 6) Energy saving design: low electricity consumption ,no resuegence ,no heating ,no condensation Dripping, absence of fan noise.

Usage: The dry cabinet is a dehumidifying platform developed from military hi-technology, which can achieve many kinds of humidity levels for precision parts and electronic devices. It can be used for store in sort with precision parts, top grade camera lens, photographic accessories, Optics Instruments, electron devices, IDE(integrated device electronics), SMT, CMOS chips, etc.. So that it can prevent all the said from mildewing, foggy, oxygenation corrosion, maturing to break, invalidation of electron devices, etc.. To improve the reliability and increase service life of storages in the cabinets, micro-computers are chosen for enhancing maintainability and integrity of the parts, so that all the precision and electronic parts can be in best condition.

Material: Formed by punching and bending imported 1.2mm cold-roll steel sheets, precision welding with argon arc welding, electrostatic powder coating all surfaces, distortion, .



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Window: 4mm explosion-proof glass, double deck doorcase, flat and beautiful, insurance with built-in lock.

Controlling technics: Micro computer is chosen for intelligent dim humidity inertia system controlling; Sensor from France, digital frequency output port. All of them guarantee the universality, easy replace-ability , high precision, less drift, more anti-interference ability.

Humidity Controlling Modules: Engineering plastics shell from Korea can service in 300 ℃ , the service life can be as long as 30 years. It can guarantee the modules durable and fatigue resistance by the molecular sieve from Germany and double alloy elasticity springs from Sweden . No motors driving, heat and magnetism insulation, static-free, dustproof, theft free, lower energy consumption, no consumable, so the cabinet is an ideal choice of pro-environment, energy saving, mute, pollution free, anti-leaking.

Display: 3 windows digital display (LED digital tube: temperature, humidity and humidity dynamic display), so the hygral change in the cabinet is visualized.

Power-off Protection Memory: When powered off, the system can ensure humidity level in cabinet rise less than 10% in 24 hour. And when powered on, no re-adjustment needed.

Principle of Running: Humidity sensor(Humidity and Humidity Signal)→Micro-computer(CPU)→Heater(High Polymer Material PTC constant temperature heating module)→Intelligent Shape Memory Alloy(The shape of alloy will change according to the temperature)→ Compensating Spring (Common Compensating Spring with Alloy)

Warranty Time: 2 years free, and consultation all life for free.

Voltage and power: 220v, average power: 26w .