McDry Functions

Storage standards for IC packages and PCBs

(1) Controlled humidity for IC packages conforms to IPC/JEDEC J-STD-033C.
(2) Controlled humidity for PCBs conforms to IPC-1601.
(3) Electrostatic protection conforms to IEC-61340-5-1 (surface resistance: $1 \times 10^4 \leqq R \leqq 1 \times 10^{10}$).

Simply turn the handle 90° to lock the door (locking)

Even in an earthquake, the doors will not fly open and allow products to spill out.

Digital humidity meter (capacitance type) ERC-301B

Calibration certificate available on request.

Measurement range: 1-90% RH
Precision: ±3% RH

Displayed even during power outages.

Drying unit

To ensure that the JEDEC controlled humidity of 5% RH or less is quickly achieved after the cabinet is opened, the amount of dessicant is greater than usual and the surface area is increased.

McDry applications

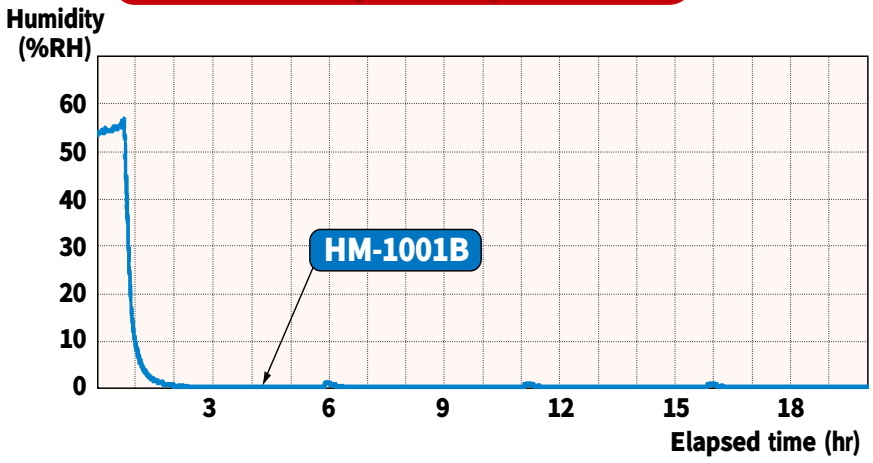
- Low-humidity storage of LEDs and IC packages after removal from moisture barrier bags
- Low-humidity storage of MSDs removed from the mounter
- Low-humidity storage of PCBs
- Low-humidity storage of other electronic components

McDry quality control

- McDry humidity control completely eliminates micro-cracks in IC packages during mounting.
- **Calibrating the humidity meter once a year allows humidity management using accurate humidity values.**
- Electrostatic protection ensures a resistance of $7.5 \times 10^5 \leqq R \leqq 1 \times 10^9$ from the metal handles to the ground.

McDry performance

HM-1001B (1% RH) (unloaded)



HM-1001B (1% RH) (unloaded)

Internal humidity after power switches off (during a power outage)