

TUS SERIES : 10%~50%RH; FAST RECOVERY TIME < 2 HOURS



TUS-2003

German-Made Digital Thermo-hygrometer

Standalone TESTO digital thermo-hygrometer monitors exact RH inside cabinet independently from core-unit sensors.



Adjustable RH Drying System

- Automatic drying system controls humidity at 10%~50% RH without N₂/ Dry Air. Turbo Switch creates a friendly control condition.
- Recovers to ≤ 20% RH within 2 hours after accessing door for 30 sec.
- NTP Operation unaffected by ΔT and pressure variation.
- Cost saving. Near zero maintenance.
- Maintains RH even during temporary power outage.

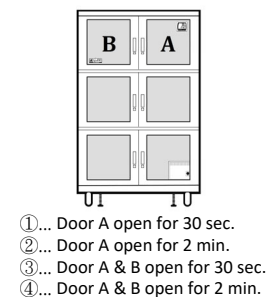
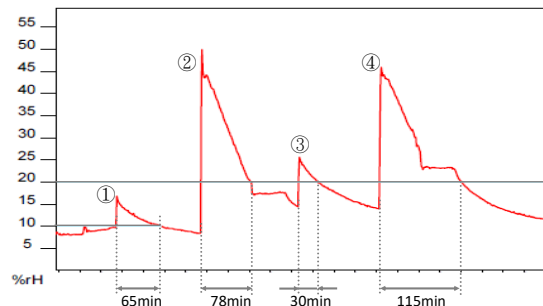
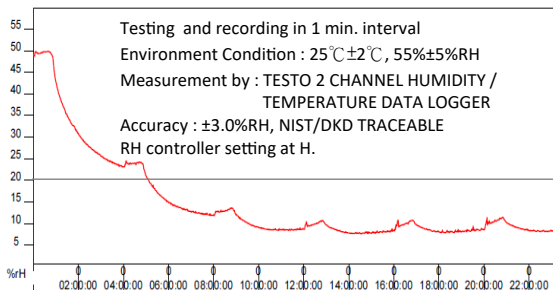
| RH Controller | Humidity Level |
|---------------|----------------|
| H | 10%~20%RH |
| M | 20%~30%RH |
| L | 30%~40%RH |



Optional



Performance Charts



Applications

Humidity levels can be adjusted as required, suitable for storing: electronic devices & components, metal fabrication material & tools, optical lenses, general laboratory equipment, microscopes, precision instruments, testing and measuring equipment, chemicals, reagents, and powder substances.

Specifications

| Model No. | TUS-103 | TUS-503 | TUS-1003 | TUS-2003 |
|---------------------------------------|--|--------------------|---------------------|----------------------|
| RH Control Range: | 10%RH ~ 50%RH | | | |
| Fast Recovery Time: | Down to ≤ 20%RH within 2 hours after open a door in 30 sec and close it. (RH controller setting at H. Empty Cabinet Testing) | | | |
| Cabinets: | Anti-Static Painting, Anti-Static Glass, Anti-Static Stands / Casters, 1MΩ Ground wire | | | |
| Voltage: | 110V or 220V | | | |
| Hygrometer: | Standalone Monitor System, TESTO digital thermo-hygrometer | | | |
| External Dimensions: (W x H x D) (cm) | 40.0 X 74.5 X 43.7 | 88.0 X 93.0 X 58.4 | 60.0 X 195.0 X 71.4 | 120.0 X 195.0 X 71.4 |
| Internal Dimensions: (W x H x D) (cm) | 36.0 X 59.7 X 35.7 | 83.0 X 79.0 X 48.0 | 56.0 X 170.0 X 61.0 | 110.0 X 170.0 X 61.0 |
| Capacity: (Liter) | 99 | 376 | 665 | 1329 |
| Shelves: (pcs) | 2 | 3 | 5 | 5 |

Note: The specification above is tested under 25°C, 60%RH environment.

