

# Dry Cabinet (Electronic Drying Case) | H-D-M2

Damp-proof storage cabinets, suitable for storing optics such as lenses, mirrors, and prisms, and optical hardware at a controlled humidity.



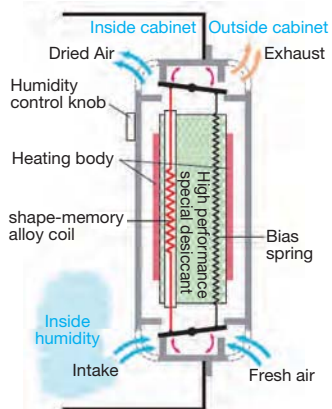
H-60D-M2 H-80D-M2 H-110D-M2 H-180D-M2

- Humidity can be controlled with humidity adjuster. (+/-5 - 7%RH)
- Humidity inside and outside of the Dry Cabinet can be checked with digital dual hygrometer.
- Photo catalysis is applied to shelf-sheet, which reacts to in-room visible light, also decomposes and removes bacteria, virus and smell.
- Electrical outlet equipped on rear side top right corner (general-use power supply: up to 100V 500W)
- Our standard Dry Cabinets are intended to use in 100V. Please contact us when you used outside of Japan.
- Load capacity per shelf plate is 490N (50kgf).

## Specifications

Material of Cabinet	Steel plate (0.8t) Melamine baking coating
Door Material	PVC framed transparent tempered safety glass
Door-Shutting Method	Magnet (with rubber)
Humidity Range	30 - 50%RH
Humidity Control	Dial type automatic dry unit (accuracy +/-5 - 7%RH)
Hygrometer	Range: 20 - 90%RH, Accuracy: 5%RH
Power Supply	100V (50/60Hz)
Accessories	Two keys

## With humidity adjuster & control circuit IC timer



Special desiccant (exchange-free) in the unit absorbs humidity inside the cabinet and with combination of the IC timer, heating body and shape-memory alloy. It will automatically exhaust the humidity as vapour outside. This cycle is repeated and the inside humidity is lowered and controlled.

## Attention

- ▶ Read the Instruction Manual carefully before use.
- ▶ It is not possible to moisten, heat, or cool the interior of the dry cabinet.
- ▶ Place cabinets on a level surface protected from direct sunlight.
- ▶ Place in a dry location protected from sources that may cause temperature fluctuations (e.g., air conditioner) and moisture.
- ▶ The cabinet gradually reduces humidity by repeating dehumidification and regeneration automatically. It does not dehumidify rapidly.
- ▶ Storage of paper or corrugated paperboard may result in increased humidity.
- ▶ Never store inflammable chemicals.
- ▶ The dry cabinet prevents mold generation and proliferation. It will not remove mold once it has grown.

## Specifications

Part Number	External Dimension (WxDxH) [mm]	Internal Dimension (WxDxH) [mm]	Effective Capacity [ℓ]	Attachment Shelf Board (With cushion sheet)	Power Consumption	Weight [kg]
H-60D-M2	400x384x520	398x320x440	56	2	0.3 - 1.82W/H Max60.6W	10
H-80D-M2	400x384x674	398x320x594	76	3	0.3 - 1.82W/H Max60.6W	12
H-110D-M2	400x384x918	398x320x838	107	4	0.3 - 1.82W/H Max60.6W	16
H-180D-M2	400x381x1,315	398x320x1,235	157	6	0.3 - 3.6W/H Max120W	25
H-155WD-M2	805x381x725	803x320x592	152	3	0.3 - 3.6W/H Max120W	25

Application Systems

Optics &amp; Optical Coatings

Opto-Mechanics

Bases

Manual Stages

Actuators &amp; Adjusters

Motorized Stages

Light Sources &amp; Laser Safety

Index

Guide

Mirrors

Beamsplitters

Polarizers

Lenses

Multi-Element Optics

Filters

Prisms

Substrates/Windows

Optical Data

Maintenance

Cleaning Tools

Cabinets