Desiccator Cabinet

LT-G0103 / LT-G0104 | Low-humidity laboratory storage

Transparent acrylic cabinet • Aluminium frame • Digital temperature and humidity display



160 L

LT-G0103 CAPACITY

200 L

LT-G0104 CAPACITY

Perforated shelves • Fixed or adjustable shelf option • Lower desiccant tray

Photographs and Components

Transparent panels, perforated shelves, digital display and lower tray

The Desiccator Cabinet provides organised storage for moisture-sensitive laboratory materials. Transparent panels keep the internal arrangement visible, while the digital display allows temperature and humidity to be monitored.

DIGITAL DISPLAY

Allows the temperature and humidity inside the cabinet to be monitored.

TRANSPARENT CABINET

Acrylic panels help users inspect the interior without opening the door.



PERFORATED SHELVES

Perforated surfaces support air circulation between shelf levels.

LOWER DESICCANT TRAY

Provides an area for drying material separate from the sample shelves.



Digital temperature and humidity display

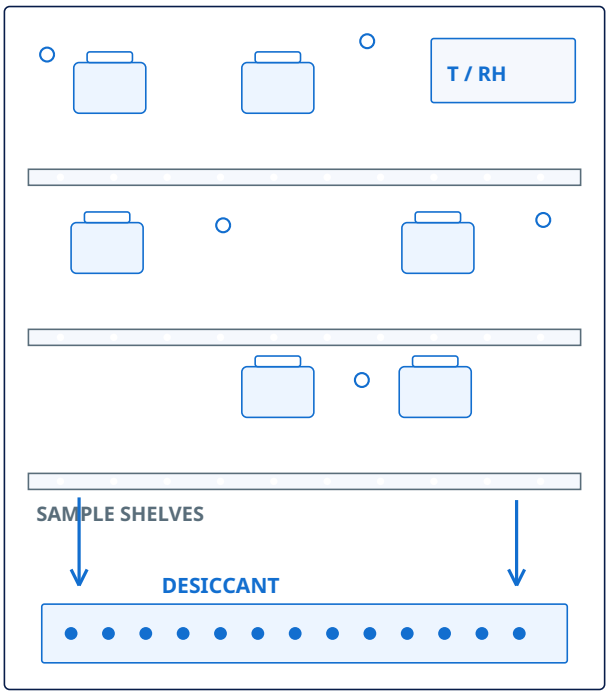


Perforated shelf and shelf positioning rail

Desiccant Moisture-retention Principle

Cabinet air • Drying material • Temperature and humidity monitoring

WORKING PRINCIPLE



Moisture Retention

Desiccant in the lower tray retains water vapour from the cabinet air.

Air Circulation

Perforated shelves support interaction between air and the drying material.

Condition Monitoring

The digital display is used to observe temperature and humidity inside the cabinet.

The condition of the desiccant affects humidity in the storage environment. Monitor the cabinet readings and inspect the drying material regularly to keep track of storage conditions.

Sample Arrangement

Position containers with their labels visible. Keep samples separate from the lower desiccant area and avoid an arrangement that completely covers the shelf perforations.

Door Opening and Humidity Checks

Inspect contents through the transparent panels. Keep the door open only as long as needed. If humidity rises, check the desiccant and replace or regenerate it according to its instructions.

Model Options and Technical Data

LT-G0103 / LT-G0104 • Capacity, cabinet construction and storage workflow

Product Code	Capacity	Weight
LT-G0103	160 L	20 kg
LT-G0104	200 L	-

Common Feature	Construction / Function
Cabinet Panels	Transparent acrylic (PMMA)
Support Frame	Aluminium
Digital Display	Temperature and humidity monitoring
Shelf Option	Fixed or adjustable
Shelf Surface	Perforated design
Lower Tray	Desiccant placement area

Choose a Model by Storage Volume

Assess the 160 L and 200 L options against sample quantities and container sizes. Leave space in the shelf layout for access and air circulation.

Storage Workflow

01
Prepare
Place desiccant in the lower tray.

02
Arrange
Put labelled samples on the shelves.

03
Close and Monitor
Close the door; monitor temperature and humidity.

04
Inspect
Check desiccant and storage conditions.

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