



VIP ECO SMART

Natural Refrigerants Ultra-Low Temperature Freezer

-86°C to -40°C



528 L / 729 L

Cost-saving and environmentally friendly sample storage now upgraded with additional features for improved usability.

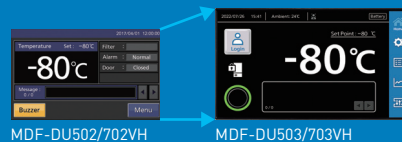
The VIP ECO SMART -86°C to -40°C upright freezer, along with conventional Password Protection, now offers Face Recognition, coupled with an Electric Lock for enhanced access control. Energy-saving is also further improved by using natural refrigerants combined with an inverter compressor.

Natural refrigerants and inverter technology

Naturally occurring hydrocarbon (HC) refrigerants have minimal effect on the environment and are compliant with environmental legislation for climate control. Combined with inverter technology, these refrigerants also provide more efficient cooling without compromising cooling performance, ambient tolerance, and recovery speeds following door openings.

New & larger control panel with multiple features

Larger display improves visibility, increasing from 7.0 Inches to 10.1 Inches (1.4 times larger in size & 1.6 times higher in resolution), compared to conventional models.



The ergonomic "EZlatch" now coupled with "Electric Lock"

The ergonomically designed "EZlatch" door handle, as the name suggests, allows for secure door opening / closing with minimal force.

Newly added "Electric Lock" automatically unlocks/locks the door keys, making access to stored samples much easier.



Energy efficient performance



Natural refrigerants, compressors and integrated electronics combine to lower operating costs compared to existing models by up to 53%*. Freezer operation is managed by effectively balancing temperature performance and energy management.

* Compared to conventional model (MDF-DU700VH-PE)
Power source: AC 220 V/230 V/240 V 50 Hz, AT 23°C

Intelligent interface



The newly designed control panel with rearranged layout and icons greatly enhances usability. The touchscreen method has also changed from the resistive method to the capacitive method, enabling comfortable use even with lab gloves on.

Various login methods to suit every scenario

1. Password Protection

UP to 100 accounts registrable, each with individual passwords.

2. Face Recognition

Take a picture of your face and register it. Once the camera recognizes you, you will automatically be logged in.

