

**PRODUCT SPECIFICATION - ULT1000eco**

# ULT-Freezer

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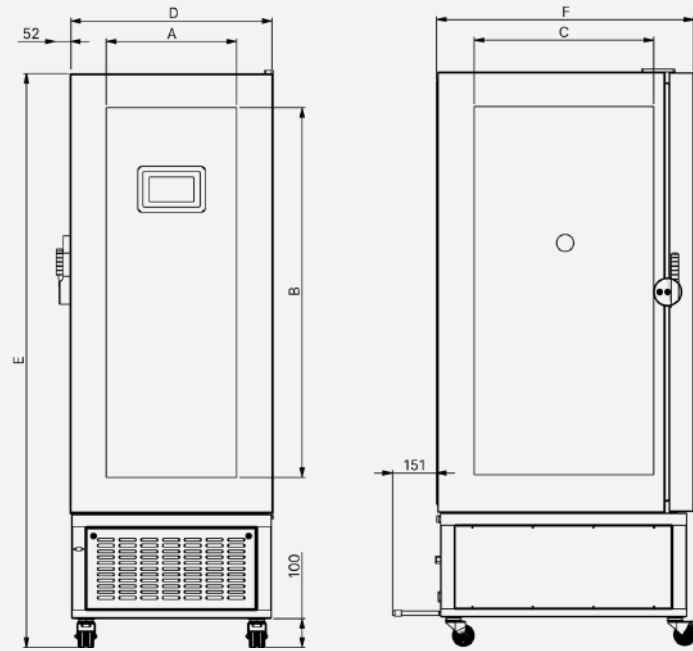


ULT Freezer – Maximum protection for samples that matter.

When it comes to ultra-low temperature storage, one factor is paramount: the reliable protection of your samples over extended periods of time. The Memmert ULT freezer has been developed specifically for this purpose. It combines consistent, precise temperature control with integrated safety features and energy-optimised design for continuous operation.

## Key Performance Features

- Natural Refrigerants
- State-of-the-Art Safety Concept
- Remote-Monitoring
- Inverter-Controlled Compressors



### Temperature

Setting temperature range	°C	-50 to -86
Setting accuracy	°C	0.1

### Features

Control unit		7" touchscreen integrated in the outer door in ergonomic position
Adjustable parameters		Temperature
Interfaces		<ul style="list-style-type: none"> <li>• Ethernet LAN</li> <li>• USB</li> </ul>

### Safety

Temperature monitoring		Temperature sensor Pt1000
Alarm		visual and acoustic
Behaviour during a power failure		Backup battery for alarming and monitoring during power failure

### Heating concept

Cooling system		Cooling system with two cascade-connected inverter compressors for precise temperature control and high energy efficiency. Refrigerants: First stage R290 / Second stage R170. Air-cooled condenser.
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### Standard equipment

Door		Insulated stainless steel outer doors with mechanical door lock
Standard option		<ul style="list-style-type: none"> <li>• Door-open detection</li> <li>• Entry port / pressure relief opening Ø 26 mm, lateral</li> </ul>
Other standard accessories		Standard interior configuration with 4 compartments. Consisting of 2 stainless steel inner doors and 3 height-adjustable shelves for flexible adaptation to different load sizes.

### Stainless steel interior

Volume	l	966
Width	mm	1035
Height	mm	1276
Depth	mm	732
Max. loading of chamber	kg	440
Max. loading of grids/shelves	kg	220
Maximum quantity of 2'/50mm boxes	number	770

### Textured stainless steel casing

Width	mm	1285
Height	mm	1992
Depth	mm	973
Installation		on lockable castors

**Packing/shipping data**

Transportinformation		The appliances must be transported upright
Customs tariff number		8418 69 00
Country of origin		Netherlands
Packaging	Width	mm 1440
	Height	mm 2250
	Depth	mm 1220
Weight	Net	kg 425
	Gross	kg 590

**Standard units are safety-approved and bear the test marks:**

