

Biomedical

VTS 258



VTS 258

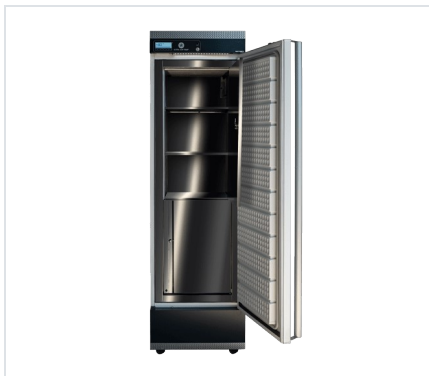
Premium Ultra Low Temperature -86°C Freezer

The ultra low temperature cabinet is designed as a personal freezer for everyday use suitable for storage of sensitive articles such as research samples, chemicals, and viruses where contents must remain changeless.

- 🏆 **Dual compressor system**
- 🏆 **Castors as standard**
- 🏆 **Plug & Play**
- 🏆 **Data logging with USB extraction**



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Construction	Value
Dimension	2060x595x633 mm
Dimension inner	1439x440x405 mm
Weight	154 / 140 gross/net
Package weight	15 kg
Material inner cabinet	Stainless steel Kg. gross/net
Material outer cabinet	Painted steel Kg. gross/net
Insulation type	Polyurethane with cyclopentane
Insulation thickness	80 mm
Mobility	4 x Castors with brakes

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Storage ULT	Value
Volume	256 / 237 Gross/net
Cryoboxes "2	144
2 ml vials	14400

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Features	Value
Lock	✓
LED light	✓
Battery backup	✓
Porthole	✓
Porthole size	14,5 mm
Dry contact	✓
Door reversibility	—
Vacuum valve	✓
VIP (Vacuum Insulated Panel)	—

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Alarms	Value
High / Low temperature	✓
Open door	✓
Power failure	✓
Probe failure	✓

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Test	Value
Voltage	220-240 V
Frequence	50 Hz
Max ambient	N/A °C
Max Humidity	N/A %
Test condition	20

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Operation	Value
Temperature range	-20 to -86 °C
Unifromity in performance	N/A °C
Pull down time (from test condition to fabric setpoint)	210 Minutes
Hold over time (from fabric SP to 10) empty	85 Minutes
Noise	64 dB
Energy 24 hours	10,3 kWh/24h
Energy year	3775,6 kWh/anno
Instant Power Consumption	N/A kW
Heat Rejection	N/A W
K-Value	N/A W/m^2k

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Cooling components	Value
Refrigerant/amount	Nature R / 172g Type & gram
Number of compressors	1
Variable speed compressor	<input type="radio"/>
Internal air distribution (Type)	Static
Number of probes	2
Defrost	<input type="radio"/>

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Controller	Value
Controller	Dixell
Controller type	XW737K
USB Connection	USB
Data connection	MODBUS
Controller abilities	Logging of data & alarms
Controller languages	DK, EN, FR, DE, PL, IT, ES
Log numbers	35000
Temperature graph in controller	<input checked="" type="checkbox"/>

