Benchtop freezer ULT U35

- Compact personal freezer - easily movable
- Limited maintenance and on site service
- Ergonomic handle
- Eco-friendly, HCFC-free Nature R refrigerant
- Efficient cyclopentane insulation
- ISO 9001, 14001 & 45001 Certified

Specifications

Technical

Gross volume	37 litres
Net volume	37 litres
Temp. range	-60°C to -86°C
Temp. probes	1/PT 1000
Compressor	Secop
Refrigerant	Nature R
Noise level	47 dB
Power consumption 24/h	3,2kWh
Power consumption	1168 kWh / year
Voltage	220-240 V
Frequency	50/60 Hz

Features

Audible & visual alarm	YES
Castors	NO
Inner doors	NO
Defrost	Manual
Integrated lock	YES
Battery Backup	48h
USB	YES
Data connection	MODBUS
Digital controller	XW737K
Data logging	35.500 Entries
High/Low temperature alarm	YES
Shelves, stainless steel	1
Door vacuum release	Automatic
Portholes for external probe & CO2 backup	Ø20 mm
Connection for remote alarm	YES

Material

Inner	Stainless steel
Outer	Painted steel

Dimensions

Height	650 mm
Width	630 mm
Depth	675 mm
Net weight	59 Kg

Internal dimensions

Height	433 mm
Width	439 mm
Depth	271 mm
Insulation	80 mm
Insulation type	PUR
Vacuum Isolated Panels	YES

ULT U35

Product no.	N123000

Storage capacity

Box height	No. of boxes	2 ml. Vials
50 mm	33	3.300

Typical performance data

Avg. cabinet temperature	-81,7°C
Peak variation from set-point	+2,0/-3,7°C
Stability in avg.	5°C
Min. door open recovery time to-75°C	30 min.
Cycle rate on/off	25,7/6,7 min.
Duty cycle	78,7%
Energy consumption	3,25 kWh/day
Pull down time to -75°C	84 min.
Avg.temperature hold over time from -82°C to -60°C	105 min.