

Benchtop freezer ULT U35

110V/60Hz



- 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	1,30 ft ³
Net volume	1,30 ft ³
Temp. range	-60°C to -86°C
Temp. probes	1/PT 1000
Compressor	Secop
Refrigerant	R-489A
Noise level	46 dB
Power consumption 24/h	3,2kWh
Power consumption	1168 kWh / year
Voltage	110 V
Frequency	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	Ø 0,78 in
Connection for remote alarm	YES

Material

Inner	Stainless steel
Outer	Painted steel

Dimensions

Height	25,5 in
Width	24,8 in
Depth	26,5 in
Net weight	130 lb

Internal dimensions

Height	17,0 in
Width	17,2 in
Depth	10,6 in
Insulation	3,1 in
Insulation type	PUR
Vacuum Isolated Panels	YES

ULT U35



Product no.

N123050

Storage capacity

Box height	No. of boxes	2 ml. Vials
2 in	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.