

# 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	
<b>Technical</b>	
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	46 dB
Power consumption 24/h	3,2kWh
Power consumption	1168 kWh / year
Voltage	230 V
Frequency	50/60 Hz
<b>Features</b>	
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
Porthole for external probe & CO2 backup	Ø20 mm
Prepared for external logging equipment	YES
Connection for remote alarm	YES
<b>Material</b>	
Inner	Stainless steel
Outer	Painted steel
<b>Dimensions</b>	
Height	650 mm
Width	630 mm
Depth	675 mm
Net weight	59 Kg
<b>Internal dimensions</b>	
Height	433 mm
Width	439 mm
Depth	271 mm
Insulation	80 mm
Insulation type	PUR
Vacuum Isolated Panels	YES



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.