

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 Refrigerant | Secop |
| Noise level | Nature R |
| Power consumption 24/h | 50 dB |
| Power consumption | 3,2kWh |
| Voltage | 1168 kWh / year |
| Frequency | 230 V 50 Hz |
| Features | |
| Audible & visual alarm | YES |
| Castors | YES |
| Inner doors | NO |
| Defrost | Manual |
| Integrated lock | YES |
| Battery Backup | 48h |
| USB | YES |
| Data connection | MODBUS |
| Digital controller | XW737K |
| Data logging High/Low temperature alarm | 35.500 Entries |
| Adjustable shelves, stainless steel Door | YES |
| vacuum release Porthole for external probe & CO2 backup Prepared for external logging equipment | 2 Automatic Ø12 mm YES |
| Connection for remote alarm | YES |
| Material | |
| Inner | Stainless steel |
| Outer | Galvanized pre-coated 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 avg. temperature | 84 min. |
| Hold over time from -82°C to -60°C | 105 min. |