

TECHNICAL SPECIFICATION

**ITEM 13. Horizontal loading freezer for laboratory 50-80 L (Ultra Freezer)
model DW-HL50, manufacturer Zhongke Meiling Cryogenics Company Ltd.,
China**

| Product name | Product description | Manufacturer specification |
|---|---|--------------------------------|
| Horizontal loading freezer for laboratory 50-80 L (Ultra Freezer) | Year of production: 2021 | YES |
| | Configuration: Vertical, with horizontal loading; | YES |
| | Internal capacity of the room: 50-80 liters; | 50L |
| | Fixed shelves included: ≥ 3 pcs .; | YES |
| | Door: with key locking mechanism; | YES |
| | Wheels: yes; | YES |
| | Interior construction: stainless steel; | YES |
| | Exterior construction: with anti-corrosion coating; | YES |
| | Temperature display: digital, graphic / LED screen | YES |
| | Temperature recording and possibility to export on USB stick with software included if necessary to read the data exported to the computer. | YES |
| | Alarms: acoustic, visual - door open, no electricity. | YES |
| | Possibility to set the alarm: maximum temperature limit, minimum temperature imitation. | YES |
| | Internal battery for alarm and maintenance of alarm details for min. 48 hours; | YES |
| | Cooling: ventilated or static; | static |
| | Refrigerant: without CFC / HCFC; | YES |
| | Temperature range: -50°C - -86°C ; | $-40\sim-86^{\circ}\text{C}$ |
| | Noise level: ≤ 55 db; | YES |
| | Power supply: 220 V, 50 Hz. | YES |
| | CE certificate or Declaration of conformity | YES, Declaration of conformity |
| | Waranty period 36 months | YES |
| Instalation, personel training | YES | |
| Service manual | YES | |
| User guide | YES | |