



GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

-86 C Personal Ultra Low Temperature Freezer - AU4



Model	DW-86L100J
Exterior Dimensions (WxDxH)	30" x 26" x 32"
Interior Dimensions (WxDxH)	13" x 19" x 25"
Temp Range	-40°C ~ -86°C
Interior Capacity	3.5 cu.ft./100L
Shelves/Inner doors	1/2
Sound Level (dB(A))	46.8
Defrost Mode	Manual

Scope of Application

- *The Personal Ultra Low Freezer is the most energy efficient, low noise and reliable performance of its kind.
- *Easy to place on or under bench, saving storage space.
- *Used to store and protect valuable samples which require strict and continuous storage conditions

Energy Saving Refrigeration

- *High efficiency HC refrigeration system, optimised for energy efficiency delivering a power consumption figure of just 5.5 kW·h/24 h

Personal ULT Storage

- *31.8" cabinet height makes it easy to place on or under bench, saving storage space. Stackable design.

Ergonomic Design

- *Ergonomic handle design ensures easy one-hand door opening/closing.
- *Lockable and equipped with 4 keys as standard with the availability of adding a padlock for extra security when required.

Multi-layer Sealing Structure

- *70mm super thick insulation layer design, aviation vacuum insulation material VIP, thickness of 25 mm or more, 4 layers of silicone seal, superior thermal insulation and energy saving effect.

Microprocessor

- * Microprocessor control with LED temperature display. The adjustable precision is 1C. The temperature in the unit is adjustable from -40C to -86C
- *Multiple alarms including high and low temperature, sensor error, power failure, door ajar, high ambient and remote alarm.
- *Alarm mode: sound and light alarm.
- *Capable of connecting to remote alarm.

Low Noise

- *Optimized noise reduction cabinet and system design, emits sound level of only 46.8 dB.

USB Port

- *Capable of storing more than 15 years of operating data for compliance

-86 C Personal Ultra Low Temperature Freezer - AU4

Filter

*Located at the front of the engine compartment, the filter can be removed without tools allowing for cleaning and easy maintenance

Improved Handle Design

*Lockable handle safeguards samples. A padlock can also be added for extra sample safety

Shelves

*One stainless steel adjustable shelf

Adjustable Legs

*4 casters, with 2 manually adjustable stabilizer for leveling, which ensures the unit is easy to move, lock, and level

Electrical Requirements

*Consult Geneva Scientific for electrical requirements and amperage draw

Certified

*UL and Energy Star certified and conform to the U.S. national-grade Rebate Program

Options

*Wireless Monitoring Connectivity

*Check real-time operating status via mobile phone or palmtop, simple and reliable



GENEVA SCIENTIFIC
LAB EQUIPMENT SOLUTIONS



Geneva Scientific LLC
P.O. Box 408
Fontana, WI 53125

1-877-436-3827
Fax: 262-607-6497
Sales@Geneva-Scientific.com

Specifications are subject to change without notice.
rev. 01/22