



GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

-30 C Dual Biomedical Freezer - 30F45



Model	DW-30L1280F
Exterior Dimensions (WxDxH)	60" x 42" x 78"
Interior Dimensions (WxDxH)	52" x 29.6" x 49.6"
Temp Range	-10°C ~ -30°C
Capacity (L/Cu.Ft)	1280/45.2
Shelves	12
Sound Level	45.2 dB
Defrost Mode	Automatic (Evaporator) Manual (inner cabinet & door frame)

Application

*Cryopreserve plasma, biological products, components, materials and other items that need to be kept at low temperature

Dual Independent Refrigeration System

*Auto defrosting system+constant refrigeration system, has successfully solved the industries problem that inside temperatures rise sharply when fan cooling refrigerators defrost; If one system fails, the other one would reach -25 °C quickly, which doubles the safety of the sample; With air cooling technology, the inside uniformity can reach ±3C (±5C during the defrosting period).

Intelligent defrosting technology

*Intelligent defrosting prolongs the defrosting cycle, safeguarding the stability of the storage temperature.
*Reduces defrosting frequency by half, effectively draws down the temperature fluctuation caused by defrosting during the sample storage cycle by intelligently identifying the amount of frost on the evaporator.

Advanced defrosting technology

*Eradicates the hidden danger of electric leakage by applying full-automatic hot gas defrosting technology throughout the whole unit. Compared with heater wire defrosting technology, Haier Biomedical's technology eliminates the risk of electric leakage occurring due to wire aging, providing extra security and safety.

Hydrocarbon energy saving: green and environmentally friendly

* Using green and eco-friendly hydrocarbon refrigeration system, based on the principle of zero damage to the ozone layer with zero greenhouse effect, while reducing energy consumption to 8kW/24H.

Superior thermal insulation performance

* 70mm super thick insulation layer design, superior thermal insulation and energy saving effect.
*Auto-closing door hinge design, the door suspends when its opening angle is more than 70 degrees while it closes once the angle is less than 70 degrees, which is easy to access while avoiding cold energy loss

-30 C Biomedical Freezer - 30F45

Low Noise

* Optimal system and engine noise reduction design, the temperature can cool down to -30C within 3 hours.

Microcomputer control system

*Microcomputer electronic thermostat, LED temperature display, display precision 0.1°C, inside temperature -10~-30°C(adjustable).

*Inside temperature, voltage, ambient temperature are displayed simultaneously.

*Multiple alarm functions: including high temperature alarm, low temperature alarm, sensor fault alarm, power off alarm, low battery alarm, open door alarm, high ambient temperature alarm.

*Sound and light alarm mode, attachable to remote alarm interface.

*More than 24 hours constant alarm warning after power outage.

*Standard configuration: RS485 port.

*Standard USB interface and clock-in function.

Security Lock

*Electronic mortise lock design, with NFC clocking-in function

Porthole

*2 standard portholes designed for users to test independently

Pressure Equalization Port

*Equipped with pressure equalization port, easy to open door

Adjustable Shelves

*Equipped with 12 stainless steel shelves of 6 layers, which are adjustable to meet different requirements of users

Casters

*4 omnidirectional casters + 2 level legs, easy to move, lock and level.

Options

*Blood baskets (48 units)

*Fingerprint identification entry



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