



-86°C Ultra Low Temperature Freezer Chest Type



DW-86W28/50

Temperature Control

- Microprocessor control, digital display to 0.1°C resolution; temperature is adjustable from -40°C to -86°C.

Ergonomic Design

- Single stage refrigeration technology & design, strong Cooling and quick freezing.
- Double gaskets and extra thickness of Insulation ensure reliable operation and safety of sample storage..
- Safety door lock is designed to prevent accidental or unauthorised access.
- Casters wheels with lock, is design for easy moving.

Safety Control

- Power-on delay function, off-cycle protection is to ensure the security of the compressor.

Alarm System

- Audible and Visual alarm in two alarming methods: Buzzer alarming and digital flashing alarming.
- Alarm conditions included High and Low limit alarm, sensor error alarm, Power failure Alarm (Optional).

Cooling System

- Fast cooling system is generated by imported compressor and EBM fan motor.
- Outstanding temperature preservation is ensuring by the CFC-Free form insulation.
- Strong cooling system is generated by copper coil Evaporator and condensing system.

SPECIFICATIONS

Model	DW-86W28	DW-86W50
Cabinet Construction(External)	Powder Coated Steel Sheet	
Cabinet Construction (Internal)	Stainless Steel	
Foam Insulation	100 mm thick CFC-free Urethane	
Temperature working range	-40°C to -86°C (adjustable)	
Temp. Setting & Display	Digital Display to 0.1°C	
Sensor	NTC	
Evaporator	Copper coil	
Condenser	Fan cooling fin type	
Alarm system	Audible and Visual alarms with battery back-up	
Alarm conditions	High & Low alarm, Sensor Error, Power failure alarm(Optional)	
Refrigerant	Mixed CFC FREE Refrigerants R404a, R600a,...etc	
Power Supply	220-240 Vac, 50 Hz, Single phase	
Power Input	300W	400W
Capacity	28 Litres	50 Litres
Overall dim (mm) WxDxH	560 x 480 x 780	650 x 560 x 880
Interior dim (mm) WxDxH	350 x 270 x 285	440 x 350 x 315
Door/Door lock	Single Foamed door, top open/ 1 unit of door lock with key	
Caster Wheels	4 pcs	
Weight	50 kg	60 kg
Certificate	CE Mark, ISO13485	