



MEDICAL WARMER

Minus40

MW230GHD



MW230GHD Medical Warmer

The MW230GHD is a 230-litre medical warming cabinet built for high-capacity warming of IV fluids, surgical irrigation solutions, and linens in busy hospital environments. Microprocessor temperature control to $\pm 0.1^{\circ}\text{C}$, fan-assisted even heat distribution, and an independent over-temperature safety cut-out make it a reliable choice for operating theatres, recovery rooms, and centralised warming applications.

Constructed from 304 stainless steel inside and out, with a glass door, LED lighting, four castor wheels, and built-in voltage protection, the MW230GHD delivers the capacity, precision, and durability that high-demand clinical settings require.

Key Features

- * Precise digital temperature control to $\pm 0.1^{\circ}\text{C}$ with real-time display of target and actual temperatures
- * Castor-mounted for mobile deployment across clinical departments
- * Fan-assisted air circulation and resistive heating elements for uniform heat distribution
- * High- and low-temperature alarms with independent over-temperature safety cut-off
- * Password-protected controller prevents unauthorised adjustments to operating parameters
- * 4 adjustable stainless steel shelves for flexible storage of fluids and linens
- * Built-in voltage protection for reliable operation under variable electrical supply conditions
- * Transparent glass door with rubber gasket to contents and temperature visible without opening the cabinet



30°C to 42°C
Range



230L
Capacity



Lockable



A/V
Alarms



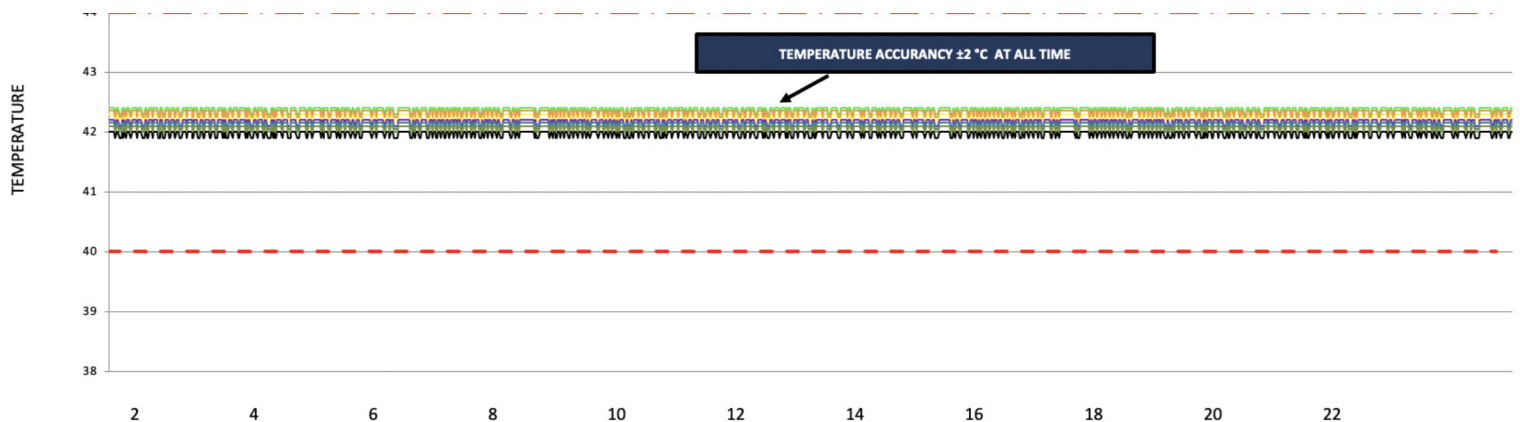
Voltage
Protection



Castor
Wheels

Performance Graph

The MW230GHD can maintain internal temperatures within $\pm 2^{\circ}\text{C}$ of setpoint of 42°C at an ambient temperature of 10°C .



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*Precision Cooling For
Critical Healthcare
Environments*

MEDICAL WARMER

Model	
Model name	MW230GHD Medical Warmer
Cabinet type	Upright
Capacity	230L

Performance	
Temperature range	30°C to 42°C (minimum of 5°C above ambient)
Temperature accuracy	±0.1°C
Controller(s)	Digital microprocessor controller with Auto-Tune and Fuzzy Logic

Dimensions	
External dimensions (H x W x D) mm	1400 x 550 x 550
Internal dimensions (H x W x D) mm	1150 x 450 x 400

Construction	
External material	304 stainless steel
Internal material	304 stainless steel
Insulation	Polyurethane foam
Shelves	4 x adjustable stainless steel perforated shelves
Door type	Transparent glass door with rubber gasket
Door lock	Lockable with key
Lighting	Internal LED
Light switch	External light switch
Feet / base of unit	4 x durable castor wheels
Heating method	Resistive heating elements with fan-assisted air circulation

Electrical	
Voltage	220V AC / 50Hz
Electrical protection	Built-in voltage protector
Rated power supply	1.1A

Alarms	
Temperature alarm	Audible and visual alarm for temperatures outside of range
Door alarm	N/A

MW230GHD

Temperature Control

The MW230GHD maintains chamber temperature between 30°C and 42°C — a minimum of 5°C above ambient — using a microprocessor-controlled digital temperature controller with Fuzzy Logic and Auto-Tune functionality. Temperature stability is maintained to within ±0.1°C of the set point.

Both the target set temperature (SV) and actual process temperature (PV) are displayed continuously on the digital interface. Fan-assisted air circulation ensures an even temperature profile throughout the 230-litre chamber, and fast thermal recovery minimises heat loss after door opening.

Safety

The MW230GHD features programmable high- and low-temperature alarms that activate when chamber conditions move outside the set range. An independent safety cut-out disconnects the heating elements automatically in the event of an over-temperature condition, providing a failsafe independent of the primary controller. Password protection on the controller settings prevents unauthorised adjustments to operating parameters or alarm thresholds, ensuring consistent and compliant use across clinical teams and shifts.

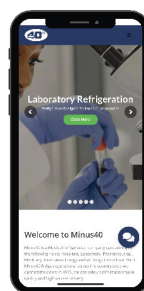
Use Cases

- Operating theatres
- Recovery & high-care units
- Maternity & neonatal units
- Emergency & treatment rooms
- General hospital use

Minus40 Service Level Agreements

As with all Minus40 products, the MW230GHD comes with our trusted service warranty, ensuring long-term reliability. For enhanced performance and extended lifespan, consider our annual service agreement, designed to keep your medical refrigeration systems in top condition. Make sure to discuss this with one of our sales representatives!

Scan To View Our Online Instructional Videos



MEDICAL DEVICES
QUALITY MANAGEMENT
ISO 13485:2016 CERTIFIED

*The parameters and performance specified in this brochure may be changed without prior notice, due to product upgrading.

**There may be differences between the product images shown in this brochure and the actual products received.

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