

## MIHW-100-2-160CH All-in-one Constant Temperature Chamber

**Chamber**  
 (Image for reference only)



**Outer Dimension**

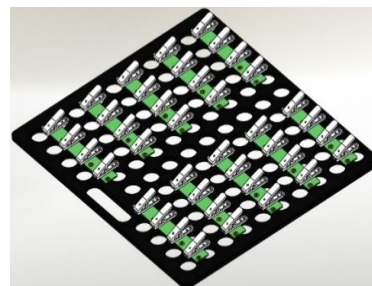
W600mm × D920mm × H1920mm

**Weight**

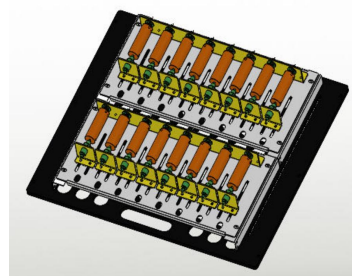
Around 260kg

**Tray Selection**  
 (Image for reference only)

☐ Coin cells  
 (80 channels)  
 \*dual zone



☐ Cylindrical cells  
 (32 channels)  
 \*dual zone



☐ Custom / pouch cells  
 \* Please provide the battery dimension to your sales engineer

Chamber Dimensions	
Items	Values
Inner Volume	100L * 2
Inner Space Dimension	(W500mm × D500mm × H400mm) *2
Lead Holes	Ø 50mm*4, 2 in each zone
Load Bearing	10kg/tray
Performance	
Items	Values
Temperature Range	0~60°C
Fluctuation	≤ ± 0.5°C (max. difference between different test points)
Deviation	± 2°C (max. difference of the same test point in a period of time)
Heating Time	25°C→60°C ≤ 30 mins (No load, average non-linearity)
Cooling Time	25°C→0°C ≤ 50 mins (No load, average non-linearity)
Refrigeration System	
Items	Values
Compressor	Fully enclosed piston compressor
Cooling Method	Air cooling
Refrigerant	R134a
Insulation Materials	Polyurethane foam
Insulation Thickness	50mm
Electrical Connection	
Items	Values
Power Cable	1 cable (single phase + protective earth wire)
Leakage Circuit Breaker	Single phase + protective earth wire
Switch	A power switch of corresponding capacity should be configured to the chamber independently.
Input Voltage	AC(220±22)V or AC(110±11)V   50~60Hz
Protective Ground Wire	Resistance less than 4Ω
Maximum Power	3kW

Communication	
Items	Values
Host computer communication	TCP/IP protocol
Communication port	Ethernet port
Tester communication baud rate	1M
Host communication baud rate	10M~100M adaptive
Communication setup	Set up a LAN (local area network) through switches and routers
Operating system	Windows 7/8/10 64bit
Operation and storage environment requirement	
Items	Values
Operation Environment Temp.	5~35°C
Operation Environment Humidity	≤85% RH
Atmospheric Pressure	86~106kPa
Installation Site	<p>Level ground, flatness≤5mm/2m.            Good ventilation.            No strong vibration around the device.            No strong electromagnetic fields around the device.            No flammable/explosive/corrosive substances &amp; dust.            There should be enough room for the door to be opened and closed.            There should be no objects directly in front of the door.</p>