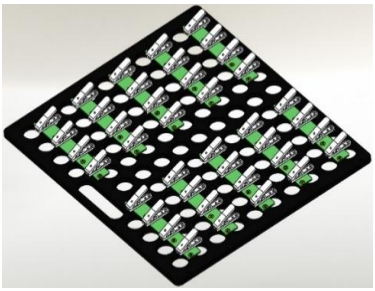
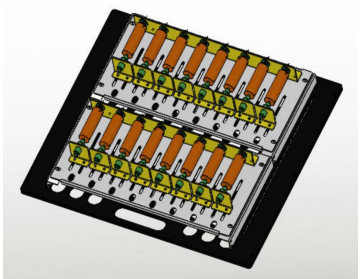
MIHW-100-2-160CH All-in-one Constant Temperature Chamber

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	∅ 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 correspongding 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	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 &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.