# MIHW-300-80CH All-in-one Constant Temperature Chamber

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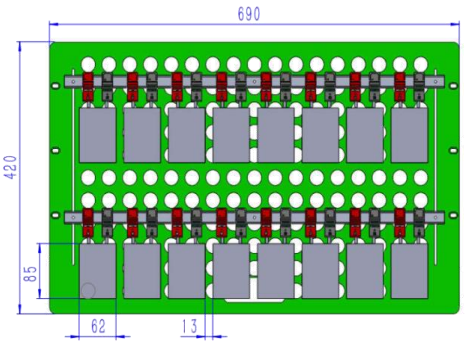
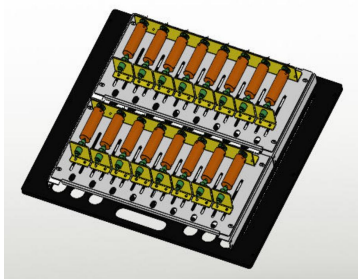
|---|---|---|
| **Chamber**<br>**(Image for reference only)** |  | |
| **Outer Dimension** | W850mm × D920mm × H1900mm | |
| **Weight** | Around 340kg | |
| **Tray Selection**<br>**(Image for reference only)** | ☐ Pouch Cells<br>(80 channels) |  |
| | ☐ Cylindrical cells<br>(80 channels) |  |
| | ☐ Custom cell display<br>* Please provide the battery dimension to your sales engineer | |

| Chamber Dimensions | |
|---|---|
| **Items** | **Values** |
| **Inner Volume** | 300L |
| **Inner Space Dimension** | W700mm × D500mm × H850mm |
| **Lead Holes** | ∅ 50mm*5, within the chamber |
| **Load Bearing** | 15kg/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** | 60mm |
| **Electrical Connection** | |
| **Items** | **Values** |
| **Power Cable** | 1 cable (three-phase-four-wire + protective earth wire) |
| **Leakage Circuit Breaker** | Three-phase-four-wire + protective earth wire |
| **Switch** | A power switch of correspongding capacity should be configured to the chamber independently. |
| **Input Voltage** | AC(380±38)V or AC(480±48)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.<br>Good ventilation.<br>No strong vibration around the device.<br>No strong electromagnetic fields around the device.<br>No flammable/explosive/corrosive substances &dust.<br>There should be enough room for the door to be opened and closed.<br>There should be no objects directly in front of the door. |