

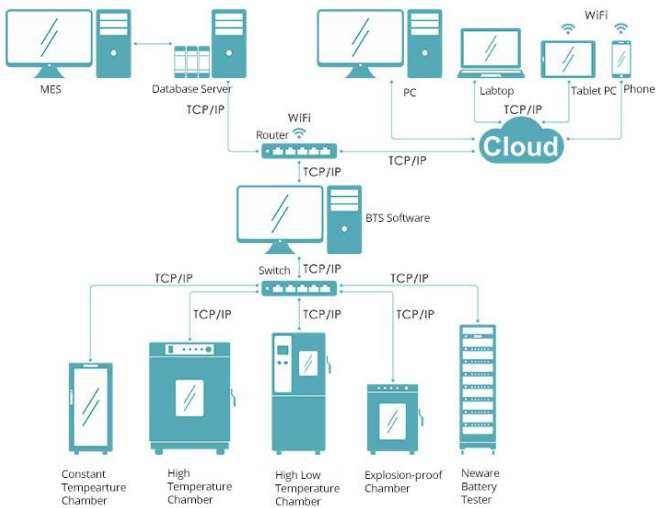


Technical Specification

MIHW-200-160CH-B All-in-One Constant Temperature Testing Chamber

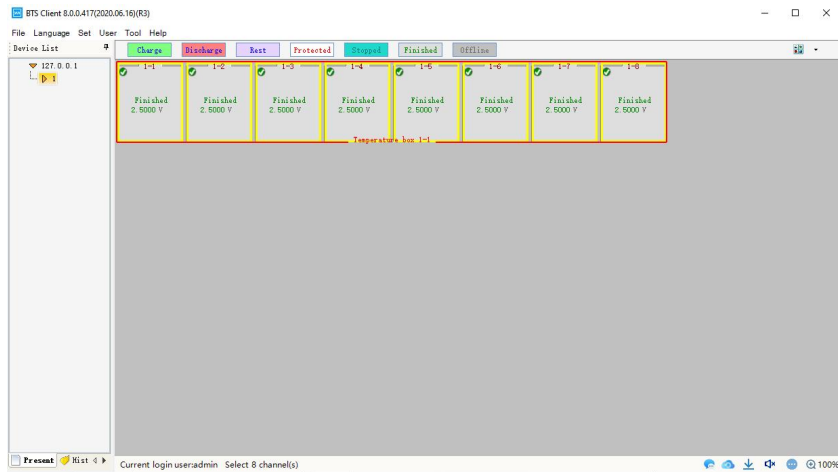
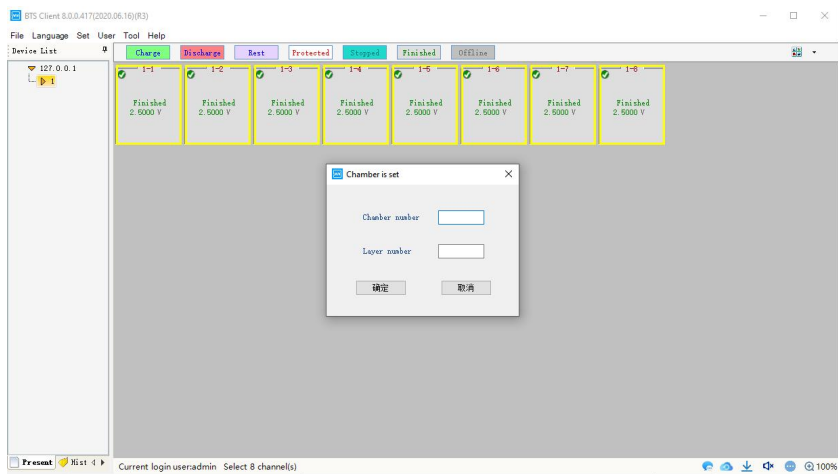
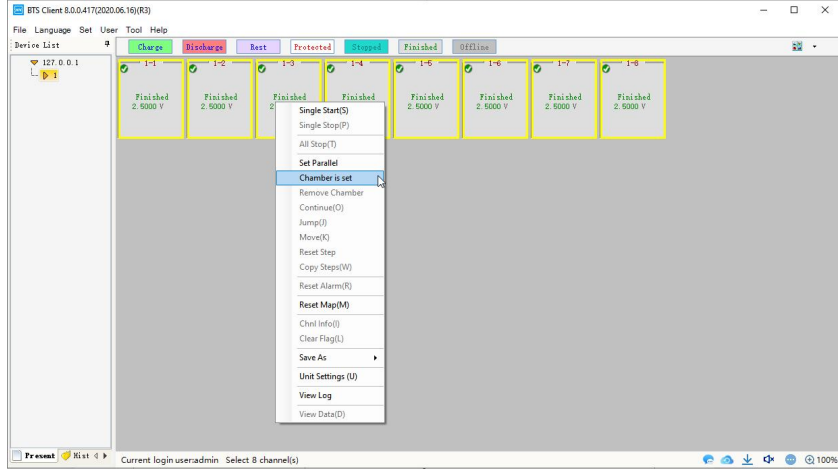
MIHW-200-160CH	Constant Temperature Testing Chamber	
Model: MIHW-200-160CH-B	Material Code: MIHW-200-160CH-B	
Description	Product Specification	
AC Input	AC 220V±10% 50Hz Single Phase+protective earth ground	
Power	3kW	
Input Current	16A	
Volume, Size		
Standard Volume	200L	
Inner Size	W500mm×D500mm×H800mm	
External Size	W600mm×D920mm×H1800mm	
Net weight	About 200kg	
Performance		
Operating Environment	Operating Temperature is +25℃, Relative humidity≤85%, No samples situation	
Temperature Range	0~60℃	
Temperature Fluctuation	≤1℃ (no loading、temperature stability)	
Temperature Deviation	±2.0℃ (no loading、temperature stability)	
Rising time	25℃→60℃ ≤30 min (No loading)	
Cooling time	25℃→0℃ ≤50 min (No loading)	
Structure features		
Thermal insulation maintenance structure	Shell materials: High quality cold rolled steel plate, Surface spray and baking paint treatment Inner materials: Stainless steel plate SUS304 Thermal insulation materials: Foaming PU (thickness 50mm)	
The channel for air conditioning	Axial flow fan, Heater, Evaporator	
Standard Configuration	Chamber door: uni-fog armored glass, stainless steel frame Channel hole: φ50mm, 4pcs (Behind the cabinet) Caster: with foot break, 4pcs Sample tray: insulation sample try, 4pcs; bearing load: 10kg/layer Lighting: LED	
Control panel	Control panel touch control button	
Heater	Stainless heating pipe Control type: SSR	
Cooling system		
Cooling method	Air cooling	

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Cooling compressor	Totally enclosed piston compressor	
Throttling gear	Capillary tube	
Freezing medium	R134a	
Welding technology	Protection welding with nitrogen	
Electric control system		
Controller	LED digital display + touch screen	
Operating mode	Touch screen	
Control mode	Balance temperature by cycling forced cooling The controller will be followed the given temperature, then automatic calculate and export the result, so that can control the actual value, to reach the dynamic condition.	
Communication mode	Ethernet port	
Temperature controller module	Independent R&D by Neware	
Connecting with Neware battery system		
Hardware	With RS485 port	
Connection Diagram		

Technical Specification

Software



Technical Specification

Step ID	Step Name	Step Time(hh:mm:ss.ms)	Voltage(V)	Current(A)	Cut-off Curr(A)	Capacity(Ah)
1	Control					
2	End					

Control Type [X]

Control Type: Temperature control

Temperature control (°C): 80

Other [X]

Step Parameters Protection settings/Record settings If DBC SMI/US

function	Parameter	Operator	Value(°C)	goto
	Chamber temperature	>		Protected

Chamber Picture

Picture for reference, please confirm the actual product



Different Range of Neware cycler will be integrated in chamber.

5V10mA / 5V20mA/ 5V50mA optional.

(Maximum 160 channels)

5V10mA	Range1: 5μA~1mA; Range2: 1mA~5mA; Range3: 5mA~10mA
5V20mA	Range1: 5μA~1mA; Range2: 1mA~10mA; Range3: 10mA~20mA
5V50mA	Range1: 5μA~1mA; Range2: 1mA~25mA; Range3: 25mA~50mA