1. Brief Information

- It is specially designed for the electronic universal testing machine, fatigue testing machine, etc.

- It can be used in the temperature range from -40℃ to 150℃ or customized as required.

- It adopts structure of horizontal moving on guide rail and can be easily connected to the electronic universal testing machine.

2. Technical Specification

Mode	TMA-HL150
Working temperature	-40℃- +150℃ , customizable
Temperature fluctuation	±0.5℃
Heating/ cooling mode	Heating by resistance wire/ cooling by compressor/air circulation
Temperature error	≤±2℃ (within 300mm gauge length)
Size of working room	330mm(W)*600mm(H)*300mm(D), customizable
Chamber structure	Integral structure
Thermal insulation layer	resistant to high temperature with100mm thickness
Inner wall	made of SUS304 stainless steel plate

Insulation material	rigid flame-retardant polyurethane foam
Door type	Single door design
Door protection function	anti-dew or frost
Air circulation device	Centrifugal fan
Heating mode	adopts high quality alloy electric heating wire heater, PID regulation, implementation element: solid state relay; Step pressure regulation heating method
Air cooling method	hydrophilic finned evaporator
Condensing mode	Air cooled
Temperature and humidity Measurement	One temperature sensor and one humidity sensor
Touch Screen instrument	Yudian touch screen
Display mode	LCD Color liquid crystal display, touch control.
Display accuracy	Temperature 0.1℃, Time: 1min
Control Mode	Constant running mode
Test method	Constant operation: fixed value test, such as low temperature test, high temperature test, Constant temperature and humidity test

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