

## Desk Type Temperature and Humidity Test Chamber



### Description

Desk type chambers are suitable for testing small parts, such as semiconductor, computer components, automobile sensors and cellular phone parts.

These chambers combine excellent performance with compact design that is perfect for search and development or personal point-of-use testing.

They also can offer flexibility, uniformity and control accuracy required for cost effective testing. Available in several sizes, desk type chambers allow you to cost effectively and select exact chamber that best meets your environmental test conditions.

### QTH-32 Series Products Conform Following Standards:

- ※ IEC60068-3-5-2002 Environmental testing Part 3-5 Support documentation and guidance-Confirmation of the performance of temperature chambers
  - ※ IEC6068-3-6-2002 Environmental testing-Part 3-6 Supporting documentation and guidance – Confirmation of the performance of temperature/humidity chambers
  - ※ IEC68-2-1 (GB-2423.1-2008) Testing A: Low temperature testing method
  - ※ IEC68-2-2 (GB-2423.2-2008) Testing B: High temperature testing method
  - ※ MIL-STD-202F (GJB360.8-87) High temperature life testing
  - ※ MIL-STD-810D (GBJ150.3) High temperature method
  - ※ MIL-STD810D (GBJ150.4) Low temperature method
  - ※ IEC68-2-3 (GB2423.3-93) Testing Ca: Constant moist heat testing method
  - ※ IEC68-2-30 (GB2423.4-93) Testing Db: Alternate moist heat testing method
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**Specifications:**

Model	QTH-32A (B/C)
Interior Dimension W × H × D	300 × 350 × 300mm
Interior Volume	32L
Control Mode	Cold Balanced Control System
Operating Temp. & Humid. Range	+5℃ ~ +35℃; <85%R.H.
Temp. Range	A=0℃, B=-20℃, C=-40℃~ +100℃ (150℃)
Humid. Range	30% ~90%R.H.
Temp. & Humid. fluctuation	±0.5℃; ≤2%R.H.
Temp. & Humid. uniformity	≤2.0℃; ≤3%R.H.
Temp. & Humid. Resolution	0.01℃; 0.1%R.H.
Temp. Heating Time	0℃ ~ 100℃ within 30min; -20℃ ~ 150℃ within 45min
Temp. Cooling Time	20℃ ~ -40℃ within 60min
Power Supply	AC220V, 50/60HZ, 1-phase (Specified by User)
Exterior Material	Stainless steel with baking paint
Interior material	SUS304# Stainless steel
Insulation material	Rigid Polyurethane foam
Refrigeration system	Mechanical cascade refrigeration system; Fin type radiator
Circulation system	Mechanical convection system
Humidification Water Supply	Automatic water regulating, recoverable supply system, water shortage alarm system
Water quality	Distilled water only
Controller	Touch Screen Controller
Safety devices	Overheat protector Switch, Compressor overload protector Switch water shortage protector Switch, Humidifier protector Switch
Accessories	Viewing window, Chamber Lamp, Cable port ø50mm, Product shelf slides 2 pieces, universal casters

Note: 1, The performance values are no specimen inside the test area.

2, At 20℃ ambient temperature, relative humidity 65%rh, rated voltage

3, According to IEC60068-3-5:2001 and IEC60068-3-6:2001

4, The above specifications are for reference only.