

ZGT 7005 T

BENCHTOP TEMPERATURE & HUMIDITY TESTER



- By simulating various conditions of environment and humidity, the constant temperature and humidity tester tests if the adaptability and properties of a product are changed. This tester is widely used for testing electronic components, appliances, metals, rubbers, plastics, chemicals, building materials, food, etc.

TECHNICAL INFORMATION

Touch screen functions

- Color LCD, dialog-based HMI.
- Directly display set value (SV) and process value (PV) of temperature.
- Can display the number, segment, remaining time and cycle times of the current working program.
- Can display on screen the process of the temperature's reaching the set value via a temperature curve.
- Allows the user to enter 4 different temperature, humidity and time values on the same screen.
- Can dynamically display the program action.
- 16-segment backlight adjustment.
- Can set screensaver time or manually disable screensaver.
- Standby function, can save power.

Model	ZGT 7005 T	ZGT 7005 AT2
System	Balanced temperature & humidity control system	
Temp. range	0°C - 100°C (+125°C optional)	-20°C - 100°C (-25 - +125°C optional)
Humid. range	30 - 95% R.H.	
Temp. fluctuation	±0.3°C	
Temp. tolerance	±1.0°C	
Temp. homogeneity	±2.0°C	
Humid. fluctuation	±2.0% R.H.	
Humid. tolerance	±3.0% R.H.	
Humid. homogeneity	3.0% R.H.	
Heating up time	20°C - 100°C within 30 min	
Cooling down time	20°C - 0°C within 40 min	20°C - -20°C within 60 min
Interior dimension (W×H×D) cm	40×50×40	50×40×60
Interior material	Stainless steel	
Exterior material	Painted stainless steel	
Insulation	Rigid polyurethane foam	
Refrigeration system	Single stage refrigeration	
Dimension (W×D×H) cm	100×86×88 cm	110×75×105
Power	1φ, AC 220 V	

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