

Thermometer and Humidity Controller

Model: XMT-9007C



Description:

The XMT-9007C temperature & humidity control meter is an intelligence instrument based on the computer technique. It adopts a 2-row digital tube system to make a synchronous display of both the humidity value and that of the dried temperature measured. Every datum concerned used for control purpose can be keyed in from the top panel which is accompanied by an actual time display. For the humidity measurement sensor a purpose PT100 may be selected. humidity select PT100 sensor or a high molecular sensor, this instrument has time proportional regulating control for a free setting of the upper limits of the temperature, and has 2-digit differential control for a free setting of the low limits of the temperature, in addition, this instrument also has a 2-digit control system for a free setting of the upper and lower limits of the humidity, representing an instrument with high accuracy and high integrity for measuring and controlling over both the temperature and humidity.

Main Technical Specifications:

Accuracy	Temperature measurement accuracy +0.5%F.S+1.0character Humidity measurement accuracy + 0.2%F.S+1 character
Dry temperature measurement range	0~100°C
Time proportional range	1%-10%
Effective humidity measurement range	5%-100%RH
Contact output capacity	Heating relay: 250VAC, 30A Rest relays: 250VAC 3A
Data-retention time at power breakage	More than 10 years
Working power	220VAC + 10% 50HZ
Power consumption	less than 5W
Normal working ambience	Temperature: 0-50°C Relative humidity: 35%-85% corrosive gas-free space
External dimensions (mm)	160*80*125 152*76

Note: After the power is connected, please, check if the wire of the sensor is broken, or if a case of short circuit or other problem, such as wrong connection, etc. in case“-----”or “----”, or “100% humidity” is always displayed in both the upper and lower row windows respectively.

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