

Product Name :

Advanced Temperature Measurement Unit

Product Code :

PT8

Description :

Advanced Temperature Measurement Unit For static and dynamic measurement with different instruments
1782

Technical Specification :

Advanced Temperature Measurement Unit

1. Steady-state and non-steady-state temperature measurement with 7 typical instruments
2. Defined temperature steps up to 80°C
3. 2 Tanks: water tank and heated tank with temperature control
4. Both tanks fitted with a stirring machine
5. Fan generates constant air temperature above experimental tank
6. Thermometers: mercury, bimetallic and gas; psychrometer
7. Temperature sensors: RTD thermocouple type K, thermistor (NTC)
8. Calibration device: digital voltmeter
9. 3-channel line recorder

Technical Data**Heater**

1. Power: 2kW

2. Temperature limit: approx. 80°C

3. Stirring machine

4. Speed: 330min-1

Fan

1. Motor power 29W

2. Speed: 1.300min-1

Line recorder

1. Paper speed: 0...600mm/h

Measurement Ranges

1. Mercury thermometer: 0...100°C

2. Thermometer (organic liquid): 0...100°C

3. Bimetallic thermometer: 0...100°C

4. Psychrometer: 0...60°C

5. Thermocouple: -40...1.200°C

6. Thermistor (NTC): 20...55°C

7. 50...400°C

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