

Product Name :
Temperature Measurement Equipment for School Science Lab

Product Code :
NLAB-0379



Description :

Temperature Measurement Trainer Manufacturer - Temperature Measurement Equipment Description:
Manufacturer of ph, conductivity, tds, salt, temprature waterproof tester, weather barometer, digital spectrophotometer, calorimeter, distance meter & spectrophotometer.

Technical Specification :

Temperature Measurement Trainer Manufacturer

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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