

Temperature measurement methods

DESCRIPTION

- The temperature measurement methods unit is delivered complete with instrumentation and includes a technical and instruction manual.
- This unit is designed for different levels and various fields of study.

SUGGESTED APPLICATIONS

- Study of eight different temperature sensors.
- Configuration of indicators.
- Troubleshooting.
- Calibration of a sensor-indicator in relation to a reference.

■ **Sensors**

With platinum resistance

Thermistor

Thermocouple K

Thermocouple J

A mercury thermometer

A liquid filled thermometer with display

A bimetallic thermometer with display

Psychrometric sensor for determination of relative humidity

■ **Instrumentation**

Three indicators with universal input positioned to the fore

Sensor connection is made with Ø 2 mm banana jumper connections

Variable fan speed control

■ **Equipment**

A thermoregulator group to measure the temperature of water to 100°C

An assembly with heating element and fan to measure the temperature of hot air

A DEWAR tank for maintaining a 0°C point

Supports for various sensors

UTILITIES

Electricity : 230 V single phase - 50/60 Hz

DIMENSIONS

Length : 880 mm

Width : 530 mm

Height : 570 mm

Weight : 30 kg