

Product Name :
Temperature Measurement and Calibration

Product Code :
DM251



Description :

Temperature Measurement and Calibration

Technical Specification :

Temperature Measurement and Calibration A bench top unit comprising a hypsometer/hot water bath and ice flask, which generate accurate fixed points and variable temperatures. The equipment comprises a hypsometer/hot water bath and ice flask to generate accurate fixed points (the condensation point and triple point of water) and variable temperatures. Temperature sensors with different thermometric principles and characteristics are supplied. An accurate platinum resistance thermometer with five point calibration certificate and temperature indicated directly in deg C, is included for reference. The temperature of the condensing water vapour in the hypsometer can be determined accurately using the software or tables in the manual, providing knowledge of the barometric pressure is known. The water level is simply raised to change the hypsometer into a variable temperature water bath. Thermal bath of stainless steel equipped with: Stirrer Shielded heating element Safety level switch Dewar flask of stainless steel with high vacuum insulation, capacity of 1 liter Support for thermometers Reference Pt100 thermo resistance with 3 points Industrial Pt100 thermo-resistance of class A K-type thermocouple equipped with 4-20 mA transmitter with "zero" and "span" Thermistor (PTC) Liquid thermometer Gas thermometer Electric console with 5 displays and controls Power supply: 230 Vac 50 Hz single-phase (Other voltage and frequency under request)

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