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Product Name :

Temperature Measurement and Calibration
Apparatus

Product Code :

SLE/EA/12



Description :

- The Temperature Measurement and Calibration apparatus fits on a desk or bench top.
- It includes eight different temperature measurement devices and shows their characteristics and how to calibrate them against a standard.
- A carefully rated immersion heater in the tank heats the water steadily up to boiling, giving time to take accurate results.
- The built-in precision reference sensor works as an accurate temperature reference.
- A display shows the temperature from the reference sensor and the local pressure from the built-in pressure sensor.
- The display also calculates the local boiling point of water based on the barometric pressure.
- Students add crushed ice to the insulated icebox and clean water to the fully guarded water heater tank.
- The water heater tank has a drain tap for connection to a suitable container or local water drain.
- This helps students to change the heated water safely and quickly, reducing experiment time.
- The water heater tank includes a water level float switch and a safety temperature cut-out switch to turn off the heater in case of low water level.

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