Multi-Probe Thermal Scanner

Quick & Accurate Measurement of Body Temperature

In the wake of the COVID-19 pandemic, the body temperature is an essential parameter which needs to be measured for personnel entering any industrial or commercial establishment. The multi-probe thermal scanner provides a rapid means to measure the temperature of people, thereby detecting people with fever. The unit consists of a fixed non-contact IR probe which measures temperature on the forehead and four numbers of thermistor-based contact type probe, which can detect the body temperature by placing the tip on the mid-arm or forehead region. The contact probes are separated from the processing unit by means of a long cable. The processing unit displays the temperature, and based on the same, highlights whether the person is normal or feverish. These can be used in place of the thermal scanners, as they provide for instantaneous ‘GO / NO GO’ type segregation, unlike conventional thermometers. The kit has high accuracy with a very short response time.

Technical Specifications

- **External Dimensions**: W160 × H150 × D50 mm (max)
- **Weight**: 800gm
- **Measurement Method**: Passive IR & Contact Thermistor
- **Measuring Unit**: Celsius & Fahrenheit
- **Provision for Sensors**: Non-contact IR – 1 Nos.
  Contact thermistor – 4 Nos.
- **Repeatability**: ± 1 °F
- **Resolution**: 0.01 °F (Thermistor)
  0.5 °F (IR)
- **Response Time**: 0.2 s
- **Measurement Distance**: 30 mm (for IR)
- **Temperature Range**: 85 to 105 °F

Features

- Composite unit with high-resolution contact-type probes and non-contact IR probe
- Wall mounted unit
- Draws power from the 230 V AC mains
- Probes inserted in sanitizing holder
- Ensures social distancing whilst measuring
- Rugged unit for industrial applications

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