



Part Code: S5-T-BLOCK

System5
core temperature
simulant probe
for more
representative
monitoring of
products or
materials

- Designed specifically to meet BS4376 for the storage of blood plasma in refrigerators
- Can also be used to simulate other food or pharmaceutical products
- It is a **System5** component that connects to a ScoutPlus logger/transmitter
- Consists of a standard thermistor sensor built into a polypropylene block, with waterproof (IP68) connections into the block
- Records 1, 10 and 60 minute data when connected to a ScoutPlus logger/transmitter

Temperature Specifications

- Temperature range of probe element and block . -40 °C to +70 °C.
- Accuracy (standard factory calibration): +/-0.5°C (or better) between -30°C and +60°C.
- Optional calibrations available to provide higher degrees of accuracy: up to +/-0.2°C at all values dependent on type of calibration equipment used.
- Response time (typical, still air on removal from refrigerator): 25-50 minutes (to 90% of change) depending on orientation.

Environment / Mechanical / Electrical

- Connector for attaching to ScoutPlus: Dust / Water proofing IP67 when mated.
- Standard cable length (module to probe):1500mm (other lengths available to order).
- Cable construction: PTFE screened single-core.
- Block construction food-grade polypropylene.
- Block size 250 square by 12mm thick, mass 250g.
- Thermal capacity matches 100g of water for compliance with BS4376.

Calibration

IceSpy products are checked for calibration under the observation of a DIN EN ISO 9001:2000 certified quality assurance system before being delivered. An optional 'traceable to national standards' certificate can be supplied with new products. We recommend products are subsequently calibrated annually.

Designed & manufactured by



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