



Our services

Temperature Scanning Point

Ideal for entry/gate points at venues and all events, this wireless and battery-operated tower has the ability to be implemented anywhere.

It is a contact-less solution for individuals to have their temperature scanned and checked.

- Wrist scanning for most accurate reading
- 1800mm height of scanner is required
- Accuracy of +/- 0.25 deg
- Controlled testing only by door/gate operator
- Remote push button operation by door operator
- Simple pass or fail result
- Battery powered or 240v option
- Designed for hospitals



Tech specs

The temperature scanning device has a microcontroller at the heart of the system. This monitors an industrial proximity sensor to detect the presence of an object (normally a palm of a hand). When an object comes within 100mm of the proximity sensor, the microcontroller then starts to take a series of readings from the temperature sensor.

When it gets an average (set by the software 'SAMPLE TIME'), it then displays the result on the PASS FAIL LEDs. The result is held until the hand is removed, plus the 'HOLD TIME' set by the programmer. The software can also set high and low temperature parameters for pass/fail results.

There are 3 options to display results

- Simply use the red and green PASS/FAIL lights on the column to indicate the test is above or below the set temperature.
- Connect a PC and utilise software to track results - requires a PC connected via USB and software running at all times.
- There are separate relay outputs for PASS/FAIL which can be connected to external applications such as large format displays, gate or door triggers, buzzers or alarms.

Compliance

- The temperature sensor complies with ASTM standard section 5.4 (Designation: E1965 - 98 (Re-approved 2009) - Standard Specification for Infrared Thermometers for Intermittent Determination of Patient Temperature
- The 240V AC mains plug-pack we supply has SAA approval and RCM (ie. electrical safety).