



# WESTMINSTER

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## WG 220 Handheld Infrared Fever Detection Thermometer



The WG Handheld Infrared Fever Detection Thermometer is a compact, non-contact thermometer, specifically designed to safely take the body temperature of a person, regardless of room temperature.

- Clear easy to read back-lit LCD display, it will accurately record body surface and forehead temperatures of infants and adults, without contacting the body.
- Easily be calibrated by the user against a reference object such as a conventional thermometer.
- Automatically stores up to 32 measurements that can be recalled on the display.
- Programmable threshold alarm can also be set to emit an audible buzzer if the threshold temperature is exceeded.
- It can also be switched to measure surface temperatures 0 to +60°C (+32 to +140°F) with an accuracy of  $\pm 0.3^{\circ}\text{C}$  ( $0.54^{\circ}\text{F}$ ).
- Supplied with an instruction manual, batteries and soft case.

Due to its non-contact nature, the WG Handheld Infrared Fever Detection Thermometer is an ideal solution for testing body temperatures in virus fever outbreaks.

**Safety note:** The WG Handheld Infrared Fever Detection Thermometer is intended as a first level screening device for obtaining temperature readings only and should not be regarded as a medical device.

**Note:** This system will only detect above normal body temperature that are typically associated with fevers, it will not detect early stages of infection.

## STANDARD FEATURES

- Precise non-contact measurements
- Body/surface mode (slide-switch on side of unit)
- °C/°F selectable (F1 mode)
- Programmable temperature threshold alarm (F2 mode)
- Easy calibration by customer with a reference sensor (F3 mode)
- Audible alarm buzzer on/off (F4 mode)
- Memory for 32 measurements
- Automatic data hold
- Auto power off
- Backlit LCD display
- Low battery indication
- Supplied with instructions, batteries and soft case



## SPECIFICATIONS

<b>Range</b>	Body Mode: +32°C to +42.5°C (+89.6°F to +108.5°F)
	Surface Mode: 0 to +60°C (+32 to +140°F)
<b>Resolution</b>	0.1°C (0.1°F)
<b>Accuracy</b>	±0.3°C (0.54°F)
<b>Measuring Distance</b>	5 to 15cm (2 to 5.9 inches)
<b>Response Time</b>	0.5 seconds
<b>Operating Temperature</b>	+10°C to +40°C (+50°F to +104°F)
<b>Humidity Rate</b>	≤ 85%
<b>Power</b>	2 x AAA batteries (supplied)
<b>Dimensions</b>	128mm x 74mm x 36mm
<b>Weight</b>	123g (including batteries)
<b>Safety Conformance</b>	ASTM E1965-1998
	EN 980: Graphical symbols for use in the labelling of medical devices
	EN 1041: Information supplied by the manufacturer with medical devices
	EN 60601-1: Medical electrical equipment Part 1: General requirements for safety (IEC:60601-1: 1998)
	EN 60601-1-2: Medical electrical equipment Part 1-2: General requirements for safety Collateral standard Electromagnetic compatibility Requirements and test (IEC 60601-2: 2001)