

We measure it.



Multi-purpose Infrared and penetration thermometer

testo 104 IR - The ultimate inspection thermometer!

Combination IR and fast response penetration probe

Compact design easily fits in your pocket

Precise 2-point laser with 10:1 optics displays the exact measuring area for error-free confidence

High quality, robust, fold away probe

Waterproof (IP65) and HACCP compliant



°F / °C

The testo 104-IR is a versatile, waterproof (IP65) penetration thermometer combined with an infrared sensor for both contact and non-contact temperature measurements. It can be used for all sorts of applications in the food sector. The testo 104-IR scans the surface temperature of individual foods or entire pallets from a distance with the highest accuracy. If a limit value is exceeded or undershot, the folding penetration probe is also able to measure core

temperature. The multi-purpose instrument is handy and practical, and easily fits into a shirt pocket. The penetration probe is always secure and neatly folds away when not in use. As soon as the probe is opened up, the display is automatically activated and its ready to use. The IR measurement starts at the touch of a button. Results are easily read on the large and bright back lit display. The few buttons are self-explanatory and any user will find it easy to operate them. For quick, super accurate and convenient temperature measurements anywhere at anytime the 104-IR thermometer is unmatched in value and quality.

Ordering data



General technical data

Measurement value	temperature °F/°C/°R
Measurement mode	Hold or auto hold (immersion probe)
Operating temperature	-4° to 122 °F
Storage temperature	-22° to 122 °F
Battery type	2 batteries Type AAA
Battery life	10 hr.
Display	LCD, single line, illuminated, with status line
Protection class	IP65
Dimensions	11 x 2 x 0.8 in. (probe folded out)
Material/Housing	ABS / TPE / PC, diecast zinc, stainless steel
Weight	7 oz. (incl. batteries)
Standards	EN13485
Warranty	2 years

Sensor type	NTC
Meas. range	-58° to 482 °F (-50° to 250°C)
Accuracy ±1 digit	±1.8 °F -58° to -22 °F (-50.0 to -30.1 °C) ±0.9 °F -22° to 212 °F (-30.0 to +99.9 °C) ±1% of rdg (remaining range)
Resolution	0.1 °F
tsecs	10 secs (measured in moving liquid)
Measurement rate	0.5 secs

Sensor type	Infrared
Meas. range	-22° to 482 °F (-30 to +250 °C)
Accuracy ±1 digit	±4.5 °F -22° to -4 °F (-30.0 to -20.1 °C) ±3.6 °F -4° to 32 °F (-20.0 to -0.1 °C) ± 1.8 °F or ±1.5% of rdg (remaining range)
Resolution	0.1 °F
Measurement rate	0.5 secs
Optics	10:1 + opening diameter of the sensor (0.5 in.)
Meas. spot marking	2 point laser
Special range	8 to 14 µm
Emissivity	0.10 to 1.00 (0.01 steps)
Laser marking	on / off

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