

The Professional's Choice

Infrared Thermometer

testo 831 – Infrared thermometer for distance measurements

Instantaneous surface temperatures - ideally suited for food service

Two-point laser clearly shows the measuring area of the long distance 30:1 optics

Exact measurements even at greater distances

Wide measuring range from -20 to +410 °F

Hold-function and display of min./max. values

Two adjustable alarm limit values

Also available as a set with the core thermometer testo 106



The testo 831 is an infrared thermometer for distance measurements. Thanks to its 30:1 optics, the measured diameter is only 2.5" at six feet away. This allows smaller objects such as small incoming, frozen products to be conveniently measured at a distance. Thanks to a 2-point laser, the diameter of the measurement area is exactly displayed, avoiding measurement errors. At two measurements per second, the testo 831 is so fast that scans of palettes or refrigerated shelving can be very quickly done.

testo 831 and testo 106 Kit

For certain temperature measurements, core temperature readings are still needed. For this purpose, Testo offers an economic kit with the testo 831 and the proven core thermometer testo 106.

Technical data / Accessories

testo 831

testo 831, infrared thermometer, 2-point laser sighting, 30:1 optics, belt holder, incl. batteries and factory calibration certificate

Part no. 0560 8316



testo 831 and testo 106 Kit

831 IR thermometer, belt holder, incl. batteries and factory calibration certificate. testo 106 penetration thermometer, incl. TopSafe, belt holder, and batteries

Part no. 0563 8315



Sensor type Infrared

Meas. range	-20 to 410 °F; -30 to +210 °C
Accuracy ±1 digit	1.5 % of reading
Resolution	0.1 °F
Spectral range	8 to 14 µm

General technical data

Measurement rate	0.5 secs.
Distance to measurement spot	30:1
Emissivity	Adjustable 0.1 to 1.0
Oper. temp.	-5 to +125 °F
Storage temp.	0 to +160°F
Battery type	9V battery
Battery life	15 hr
Display	Illuminated LCD
Protection class	IP30
Dimensions	7.5 x x 3 x 1.5 in.
Weight	7 oz.
Warranty	2 years

More Food Meters from Testo

We offer a wide assortment of food test and measurement instruments that are reliable and tough enough to use everyday in food preparation, storage, etc. anywhere food health and safety is important.



testo 270

Quickly and accurately tests the quality of cooking oil



testo 108

Ideal, waterproof food service thermometer