



## Testo® 830-T4 - Infrared thermometer

### Product Images

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## Description

With the testo 830-T4 infrared thermometer, you are ideally equipped for non-contact surface temperature measurements in industry and trade. It stands out in particular due to its 30:1 optics, which enable the infrared temperature measuring instrument to detect very small measuring spots even at long distances. Thus, moving or dangerous objects can be measured from a safe distance. All advantages of the infrared thermometer at a glance The infrared thermometer with laser measuring spot marking not only performs the surface temperature measurement precisely, but also quickly (2 measurements per second). Benefit from these and other advantages of the infrared temperature meter: High-resolution processor ensures accurate results (resolution 0.1 °C) 30:1 optics allow high precision at long distances and small measuring objects (1 m distance = 36 mm spot diameter) Infrared thermometer with 2-point laser spot marking: measuring point can be precisely delimited (=area between the two laser points) Two freely definable limit values Optical and acoustic alarm in case of limit value violations Min-/max-temperature display and hold function (for "freezing" a certain measured value) An external temperature sensor can be connected; e. g. for determination of the emissivity of the material. Comfortable handling (even with only one hand) thanks to the pistol design Easy-to-read digital display with backlight In addition, the infrared temperature measuring instrument provides very fast results, as up to two measurements per second are possible. This means that even extensive surface temperature scans can be mastered without any problems. Extended functions thanks to connectable probe You can optionally connect an external temperature probe to the testo 830-T4 infrared thermometer; if you want to perform a contact measurement in addition to the non-contact IR measurement (e.g. for control purposes). Thermocouple probes are available for temperature measurements in air, liquids; semi-solid media as well as for surface temperature measurements. Comparative contact measurement with a surface temperature probe also helps you determine the emissivity of the surface material. This allows you to adjust the emissivity of the infrared thermometer accordingly for optimal results in the subsequent IR measurement. For surfaces with very low emissivity, we recommend either using an adhesive emissivity tape (optional) or using the connectable contact probe (optional) throughout the measurement.

## Additional Information

No.	TO-0104
Manufacturer (Brand)	Testo

