



## Testo 825-T3/T4

The **Testo 825-T3 and 825-T4** are non-contact infrared thermometers and contact thermometers in one compact instrument. You can measure the temperature on rotating, inaccessible or live objects conveniently and safely using the infrared side of this multi-function measuring instrument. The contact side is equipped with the super-quick, Testo sprung thermocouple. Reliable and accurate measurements are possible in uneven surfaces.

The supplied TopSafe case protects the instrument from dust, impact and water



### The Advantages:

Testo 825-T3

- Infrared and contact measurements in one instrument.
- TopSafe case and wall/belt holder included as standard.
- Contact probe can be used to calibrate the infrared sensor.
- Adjustable emissivity.
- Programmable upper and lower limits with visual alarm.

Testo 825-T4

As above but with the additional features:

- Laser sighting to mark the location of measurement.
- Audible alarm if programmable limits exceeded.

### Applications:

- Checks surface temperatures, e.g. on transformer windings.
- Checks heat sink temperatures.
- Measures temperatures of car radiators.
- Checks bearing temperatures of bearings and gears.
- Measurements on live electrical parts.

## Technical Specifications

Measuring Range	-50 To +400°C
Resolution	0.5°C
Accuracy	±2°C or ±2% of measured value (the larger value applies).
Measuring Ratio	Distance:Diameter = 3:1
Emissivity Factor	0.20 to 1.00 (user programmable)
Response Time	<2s
Wavelength	8 to 14um
Ambient Temp	0 To +50°C
Storage Temp	-40 To +70°C
Battery Type	Testo 825-T3 - 2 x 2032 Lithium Testo 825-T4 - 2 x AAA
Battery Lifetime	Testo 825-T3 - approx. 100h Testo 825-T4 - approx. 20h
Warranty	1 Year
<b>Contact side with surface probe.</b>	
Measuring Range	-50 to +250°C (short term measurements to +500°C)
Resolution	0.1°C
Accuracy	±1°C, ±1% of Measured Value
Response time	Approx 5 s

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