



**Pt100 probe · High-precision immersion and
penetration probe**
0614 0073, 0614 0072, 0614 0275

Application information



Application

The Pt100 probes 0614 0073, 0614 0072 and 0614 0275 are used in conjunction with the testo 480 for high-precision temperature measurement.



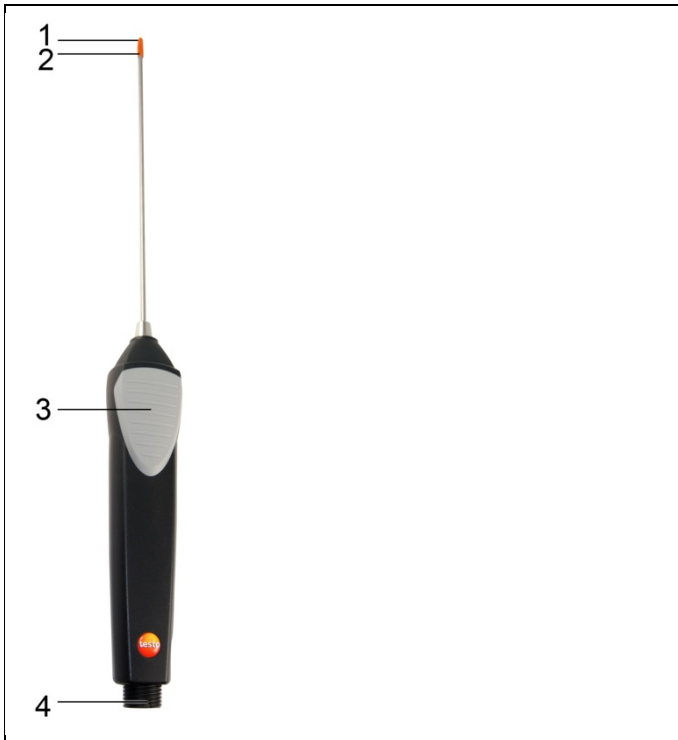
A plug-in head cable (article no. 0430 0100) is required to establish a connection between Pt100 probes and the testo 480.

ATTENTION

Sensitive sensors! Danger of breakage!

> Handle with care, do not expose to any kind of impact.

Overview (example 0614 0073)



- 1 Plunge tip
- 2 Protection cap
- 3 Handle

4 Connection for plug-in head cable (item no. 0430 0100)

Technical data

0614 0073

Feature	Values
Measuring range	-100 to +400 °C
Accuracy (at 22°C) ±1 digit	±(0.15 °C + 0.2% of reading) (-100 - 0.01 °C) ±(0.15 °C + 0.05% of reading) (0 - +100 °C) ±(0.15 °C + 0.2% of reading) (+100.01 - +350 °C) ±(0.5 °C + 0.5% of reading) (+350.01 - +400 °C)
testo 480 resolution	0.01 °C
Operating range, handle	0 to +40°C
Max. immersion depth	150 mm

0614 0072

Feature	Values
Measuring range	-100 to +400 °C
Accuracy (at 22°C) ±1 digit	±(0.15 °C + 0.2% of reading) (-100 - 0.01 °C) ±(0.15 °C + 0.05% of reading) (0 - +100 °C) ±(0.15 °C + 0.2% of reading) (+100.01 - +350 °C) ±(0.5 °C + 0.5% of reading) (+350.01 - +400 °C)
testo 480 resolution	0.01 °C
Operating range, handle	0 to +40°C
Guard diameter	9 mm
Max. immersion depth	140 mm



At temperatures > 250 °C, the maximum measurement period is 10 minutes. Testo recommends using radiation

protection.

0614 0275

Feature	Values
Measuring range	-80 to +300 °C
Accuracy (at 22°C) ±1 digit	±0.4 °C (-80 to -40,001 °C) ± (0.05 °C + 0.1% of reading) (-40 - 0 °C) ± 0.05 °C (+0.001 to +100 °C) ± (0.05 °C + 0.1 % of reading) (+100,001 - +300 °C)
testo 480 resolution	0,001 °C
Operating range, handle	0 to +40°C
Max. immersion depth	200 mm



The digital probe allows measurement values to be processed directly in the probe. This technology eliminates instrument measurement uncertainty.

For calibration, the probe alone (without the hand instrument) can be sent away.

Calculating the determined calibration data in the probe generates a zero-error display.



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