Penetration Thermometer · testo 905-T1

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Instruction manual



Multi-purpose clip

② Swivel head. The display can always be read.

Technical data

Sensor:	Short measurement Thermocouple, type K
weasurement range	-58 to +660°F: short-term to +930°F
Parameters:	-30 t0 +000 1, short-term t0 +930 1
Resolution:	0.1°C/0.1°F
Accuracy:	(referred to calibration temperature of 25°C)
	±1°C (-5099,9 °C)/±1.8°F (-58 to +212°F)
	±1% of m.v. (rest of range)
Ambient temperature:	0 to +40°C/+32°F to +104°F
Storage temperature:	20 to +70°C/-4 to +160°F
Response time t99:	Approx. 10 s (in water)
Battery type:	3 x AAA
Battery lifetime:	Approx. 1000 h
Probe stem:	Ø 0.1 in / length: 7.9 in
Warranty:	2 years
CE guideline	

Please read before using instrument

- Do not measure on live parts!
- · Risk of injury from measuring tip
- Observe measurement ranges of sensor
- temperature (e.g. protect measuring instrument from direct sunlight)
- temperature changes



The battery has to be changed if the
symbol appears in the display during the measurement.

- ✓ Instrument is switched off.
- 1 Open battery compartment cover.
- 2 Remove spent batteries and insert new batteries (3x AAA) into the battery compartment. Observe polarity!
- 3 Close battery compartment cover.

Auto Off function

If no button has been pressed in approx. 10 minutes, the instrument switches itself off automatically.





Segmenttest

On Press button once:

Switch measurement view







Hold

Current reading

Measuring in liquids:



Immerse measuring tip at least 4,5 cm.

Switching off



• Keep button pressed for 3 seconds.

Selecting between °C/°F

Men switching on keep button pressed until the segment test is finished, instrument switches to configuration menue. Press button again the instrument alternates between °C and °F. Wait 2 sec. before pressing the button again. The selected unit then applies.

Commissioning

Remove the protective film on the display.





· Approx. 15 min. adjustment time if ambient

Inexpert handling cancels your warranty.

Changing the battery

