



INSPACTO 900/ 900plus

Fast, precise and easy to handle - portable infrared pyrometer for temperature measurement of non-metallic surfaces.

If metallic surfaces are varnished, oiled or rusty they can be measured too. All units come with tripod thread, continuous measurement function and carrying loop. A special close focus lens (please refer to accessories) for very small spot sizes are available as option.

The INSPACTO 900plus instrument comes with data storage to save measured values in real time. An USB-interface allows a permanent communication with a PC.

Typical applications:

- Electronic systems/ electronics
- Heating- and air conditioning
- Pharmaceutical industry



Close-up lens
Order-No. 7 749 101

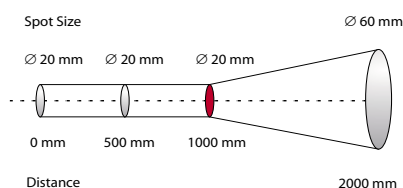


- 32 ... 900 °C
- 25.6 ... 1652 °F

NEW:
USB-Interface*

* Ready for delivery from August 2007

INSPACTO 900/ 900plus



Scope of delivery:

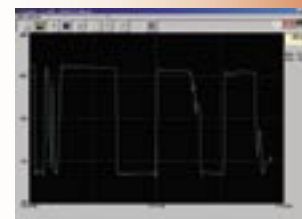
INSPACTO - type with inspection sheet, user manual and battery (9 V), supply in carrying case

Portable temperature measurement

Technical Data	INSPACTO 900	INSPACTO 900plus
Measuring range	-32 ... 900 °C	-32 ... 900 °C
Spectral range	8 ... 14 µm	8 ... 14 µm
Optics	50 : 1	50 : 1
Accuracy	1 % of the measuring value	1 % of the measuring value
Repeatability	0.5 % of the measuring value	0.5 % of the measuring value
Response time t ₉₀	150 ms	150 ms
Emissivity	adjustable, 20 ... 100 %	adjustable, 20 ... 100 %
Display resolution	0.1 K	0.1 K
Data storage	-	250 measuring values
Measuring functions	MAX, MIN, AVG, DIF, HOLD	MAX, MIN, AVG, DIF, HOLD
USB-interface	yes	yes
HI- alarm (acoustical), adjustable	yes	yes
LO-alarm (acoustical), adjustable	-	yes
Connection Software <i>PortaWin</i>	yes	yes
Socket for power supply	yes	yes
Ambient temperature	0 ... 55 °C	0 ... 55 °C
Order-No. with inspection sheet	7 610 900	7 610 950
Order-No. with works certificate *	7 610 910	7 610 960

* Works certificate with 2 standard calibration points at 150 and 300 °C

Accessories	Order-No.
Close up lens for 900/ 900plus (M = 2.2 mm at a = 100 mm)	7 749 101
Charger for 9 V-rechargeable batteries (100 ... 240 V AC)	7 749 104
Charger for 9 V-rechargeable batteries, am. version	7 749 104A
Charger for 9 V-rechargeable batteries, eng. version (UK)	7 749 104E
Software „PortaWin“ incl. USB-cable (INSPACTO - PC)	7 749 105
Rechargeable battery, 9 V	7 749 106
Tripod	7 749 107
Fanny pack	7 749 109
Carrying case, red	7 749 111
Battery, 9 V	7 749 113



The software „PortaWin“ enables to display the measured values of the instruments INSPACTO 900, INSPACTO GL and the INSPACTO HT online in real time. Additionally the data of the internal memory of the „plus“ instruments can be read out from the built in memory of the instrument.