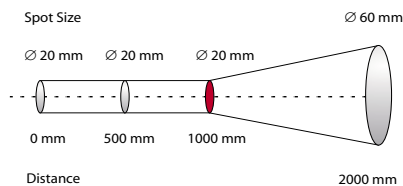◉® **INFRAPOINT**®

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.

24 Monate

CE

Typical applications:

Electronic systems/ electronics
Heating- and air conditioning
Pharmaceutical industry

Close-up lens
Order-No. 7 749 101

INSPACTO 900/ 900plus

Spot Size

∅ 60 mm
∅ 20 mm   ∅ 20 mm   ∅ 20 mm

0 mm   500 mm   1000 mm

Distance   2000 mm

- 32   … 900   °C
- 25.6 … 1652 °F

Scope of delivery:

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

NEW:
USB-Interface*
* Ready for delivery from August 2007

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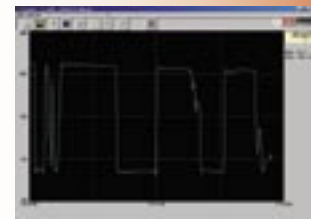
The software „*PortaWin*" enables to display the measured values of the instruments *INSPACTO 900*, *INSPACTO GL* and the *INSPACTO HT* online in real time. Additionally the data of the internal memory of the „*plus*" instruments can be read out from the built in memory of the instrument.

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