

THERMOMETERS

Schut for Precision

Infrared thermometers

These hand-held infrared thermometers are extremely suitable for fast non-contact temperature measurements. Equipped with laser for easy aiming at the object. With adjustable emissivity for different surfaces. Applications: for example in the food, automotive and chemical industries, in the process technology and for research purposes.

- Measuring range: -60 to 760°C.
- Resolution: 0.1 or 0.2°C.
- Accuracy: $\pm 2^\circ\text{C}$ or $\pm 2\%$.
- °C/°F conversion.
- Emissivity preset (standard 0.95).

- Automatic switch-off.
- Hold function.
- Min/max function.
- Operating temperature: 0 to 50°C.
- Measuring time: 1000 ms.
- Laser: 635 - 660 nm, class 2.

Models

The infrared thermometers have different optics ratios, which makes them applicable for different working distances:

- 908.800: for measurements at small distances,
- 909.413: with a fixed small working distance and a dual laser pointer for targeting,
- 909.412: for measurements at large distances or with a large temperature range.



908.800



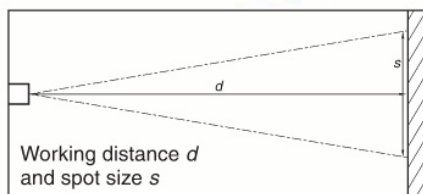
909.413



909.412



Material	T/°C	Emissivity
Cement	0-200	0.96
Cloth	93	0.90
Paper	38-371	0.93
Granite	21	0.45
Steel	25	0.65
Cast iron	100	0.21
Cold milled steel	93	0.75-0.85
Stainless steel	24	0.28
White alumina ceramics	93	0.90
Hard rubber	23	0.94
Soft rubber	24	0.86



Spare batteries

Item No.	Type	Price EUR
495.157	CR2032	0.50
497.914	AAA	0.50

Item No.	908.800	909.413	909.412	
Price	EUR	66.00	43.00	166.00
Measuring range	°C	-55 to 250	-55 to 220	-60 to 760
Working distance d		small	18 mm	large
Optics ratio $d:s$		6:1	($s=2.5$ mm)	30:1
Resolution	°C	0.1	0.2	0.1
Wave length	μm	5-14	5-14	8-14
Laser pointer		✓	✓ (dual)	✓
Emissivity		0.05-1 (incr. 0.01)	0.05-1 (incr. 0.01)	0.10-1 (incr. 0.01)
Emissivity preset		0.95	0.95	0.95
Illuminated LCD display		-	-	✓
Dimensions	mm	103 x 50 x 23	171 x 41 x 27	146 x 133 x 49
Weight (incl. batteries)	g	65	125	222
Power supply (batteries)		2x CR2032	2x AAA	2x AAA