

Radiation Pyrometer Optix S Item No. 054.101

For non-contact temperature measurement from 600°C up to 3000°C
(but **not** suitable for aluminium)

Features:

- Microprocessor controlled measurement
- Optical aiming sight with internal display
- Min.- and Max.-storage
- RS 232 interface
- Dust and water proof aluminium-housing even for rough conditions



054

Infrared handheld thermometer ST 6LS

Item No. 054.201

The ideal instrument for non-contact measurement of temperature permanent moulds. **Temperature range – 32 to 500°C (– 25 to 932°F)**; adjustable emissivity, recall of last reading, as well as maximum-, minimum- or alarm-function; laser-operated. Delivery will contain hard case with belt clip.



054A

Magnetic high-temp thermometer

For quick and exact measurement of temperatures from 0 to 400°C. Big, clear readable graduation. No problem to place even on hot core-boxes or pattern-plates because of the magnetic system built-in.

Item No. 054.301 Range 0 to 400°C



054B

Digital thermometer HOCOTEMP

Item No. 055.101

Reasonable thermometer

to be used in connection with measuring lances (item 055A) or surface sensors (item 055B) for measuring the temperature of molten aluminium or on permanent moulds.

Power: 9V battery
Lifetime of battery: about 150 h
Operating temperature: 0 to 150°C
Dimensions: 147 x 70 x 39 mm
Weight: 210 g

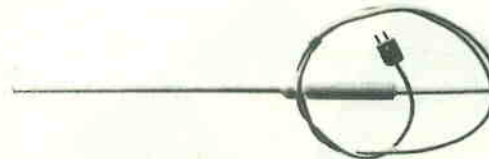


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Suitable measuring lances for the Hocotemp instrument

length appr. 1200 mm, dia. 6 mm, with wooden handle and 1000 mm cable. Lance top coated, immersion depth max. 5 to 8 mm, regularly coat lance with white coating for longevity.

Item No. 055.102



055A

Precision surface sensors

of Ni Cr-Ni (DIN 43710), measuring range up to 500°C. For temperature measurements on ingots and moulds in connection with the Hocotemp-Instrument.

The measuring head comprises thin, flexible strip sensor elements which conform to the shape of any measuring point.

Response time between 0.5 to 4 sec. Head dia. 15 mm

Item No. 055.103: straight

Item No. 055.104: 90° offset



055B

Tempilstiks

Tempilstiks are made of materials with melting-points calibrated to a guaranteed tolerance of $\pm 1\%$. There is a total of 179 temperature ratings with melting-points between 100°F (38°C) and 2500°F (1371°C).

Application: Mark the workpiece before or during the heating. The dry opaque mark will change to a distinct melted mark which will occur when the temperature rating of the selected crayon has been reached. **Caution: Any colour change that may occur during heating is insignificant!**

Crayons available:

1) Item No. 056.001: Set with 20 sticks:

52, 66, 79, 93, 107, 121, 135, 149, 163, 177, 191, 204, 218, 232, 246, 260, 288, 316, 371 and 427°C.

2) Item No. 056.101: Single stick:

In 105 steps from 38 to 1371°C.

Please indicate the temperature you want to control!



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