

INFRARED THERMOMETER WITH PRECISION GLASS OPTIC



HIGHLIGHTS:

- Adjustable visible and audible alarm
- Constant measuring area in between the distance of 13 to 140 mm
- Targeting laser for exact aiming of the object to be measured
- Fast scanning of hot and cold spots within 0.3 s



GIM 530 MS

Art. no. 601229

Infrared thermometer with laser

General:

User-friendly industrial design combined to state of the art technology are setting a new standard in professional and all day non-contact temperature measuring. The large temperature range of -32 ... +530 °C, the targeting laser and the optical resolution of 20:1 allow very precise measuring of surfaces in a variety of applications. Simply aim at the target with the laser, push the trigger and the value is displayed within 0.3 seconds plus several other informations.

Application:

- Electrical and mechanical service and maintenance
- Heating, ventilation, air-conditioning - finding thermal bridges etc.
- Motor vehicle diagnosis, electricity, home improvement
- Checking food temperature during keeping warm or storing

Specifications:

Measuring range:	-32 ... +530 °C (-20 ... +980 °F)
Resolution:	0.1 °C (0.1 °F)
Temperature display:	°C or °F selectable
System accuracy:	(at ambient temperature = 23 °C ±5 °C)
±1 % or ±1 °C	0 ... 530 °C (highest value shall be valid)
±1 °C ±0.07 °C/°C	0 ... -32 °C
Repeat accuracy:	±0.5 % or ±0.7 °C from 0 °C ... 530 °C (highest value shall be valid) ±0.7 °C ±0.05 °C/°C from 0 °C ... -32 °C
Optical resolution (D:S):	20 : 1
Response time (t₉₅):	0.3 s
Spectral range:	8 ... 14 μm
Emission rate:	0.100 ... 1.000, free selectable
Laser:	<1 mW laser class IIa
Configuration:	Min/Max/Scan/Hold/Offset/°C/°F
Display illumination:	yes
Alarm function:	optical and acoustic HIGH-/LOW-alarm
Working temperature:	0 ... 50 °C
Storage temperature:	-20 ... +60 °C (without battery)
Power supply:	9V alkaline battery
Battery life:	approx. 20 hours for use with laser and illumination
Abmessung:	190 x 38 x 45 mm (L x W x D)
Weight:	approx. 150 g
Scope of supply:	Device, battery, manual, device bag made of nylon

Accessories and spare parts:

GKK 252

Art. no. 601056

small case (235 x 185 x 48 mm) with foam lining

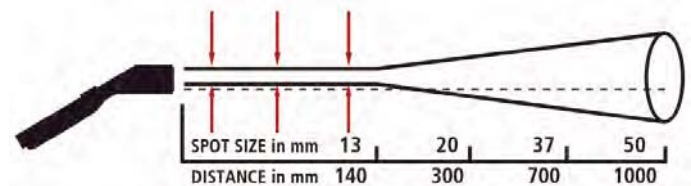
ISO-WPT-Infrarot

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Display

- current temperature value
- MIN-/MAX-value: current and last
- HIGH-/LOW-alarm
- HOLD-function
- emission rate
- symbol for display illumination and laser



optical diagram:
ratio: spot size / distance