

GIM 530 MS plus Infrared thermometer

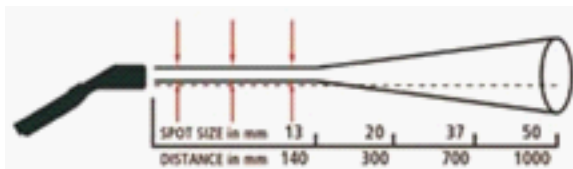
Intelligent multi purpose infrared thermometer with precision glass optic, setting a standards, **interface USB, Report software, tripod mount**

- adjustable emission rate from 0.100 to 1.000 (for numerous materials important)
- Adjustable visible and audible alarm
- Optical resolution 20:1
- 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 seconds



Display

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



Calibration certificate (testpoints at 23°C, 110°C a. 510°C)

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 to 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.

Content :

Infrared thermometer, manual english/german, IR connect report software, USB interface cable, tripod mount, soft pouch, wrist strap, protection boot, 9volt alkaline battery

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Technical specifications	
Measuring range	-32°C ... + 530°C (-20° ... + 980 °F)
Resolution:	0.1°C (0.1°F)
Temperature display:	°C or °F selectable
System accuracy:	±1% or ±1°C from 0°C to 530°C (highest value shall be valid) ±1°C ± 0.07°C/°C from 0°C to -32°C
Repeat accuracy:	±0.5% or ±0.7°C from 0°C to 530°C (highest value shall be valid) ±0.7°C ±0.05°C/°C from 0°C to -32°C
Optical Resolution (D:S):	20 : 1 / 1mm spot size in <- 140 mm distance
Response time (t95):	0.3 seconds
Spectral range	8 - 14 µm
Emission rate:	0.100 to 1.000, free selectable
Laser	< 1mW laser class IIa
Configuration	min/max/hold °C/°F , offset
Display illumination:	yes
Alarm function:	optical and acoustic HIGH-/LOW- alarm (LDC alarms colors)
Working temperature:	0 ... 50°C
Storage temperature:	-20 ... 60 °C (without battery)
Interface	USB interface PC
Software	IR connect report software
Power supply:	9V alkaline battery
Battery service life:	approx. 20 hours for use with laser and illumination
Weight / Dimensions:	approx. 150 g; 190 x 38 x 45 mm (H x W x D)
Scope of supply:	Device with battery, operating manual, device bag made of nylon

Technical specifications could be modified.

Examples for 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

