

The infrared digital hand-held thermometer at low cost price



Intelligent multi purpose infrared thermometer with precision glass optic, setting a standards



- 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

GMTL 1826 - MT4

(with laser visor)

The GMTL1826-MT4 is compact, light-weight and easy to use: Just aim, trigger and read the temperature from the backlight display - that's all. Your search for a quick and safe way to measure temperature has found a solution: The GMTL 1826 infrared thermometer.

Examples for application:

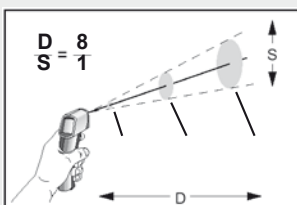
- **Electric and electronics** - detection of hot spots
- **Ventilation/heating and air conditioning** - inspection of heat exchangers ...
- **Food** - inspection of temperature when keeping warm or cooling food.

Specification:

Range: -18 ... +400°C (0 ... +752°F)
Resolution: 0.2°C or 0.5°F
Temperature display: °C or °F selectable
Accuracy (at ambient temperature = 23°C ±5°C):
 ±2% of m.v. resp. ±2°C (highest value shall be valid)
 (-18 ... -1°C = ±3°C)
Repeat accuracy: ±2% of m.v. resp. ±2°C
Measuring zone dia: 8 : 1
Response time (t₉₅): 0.5 seconds
Emission rate: set to 0,95
Laser pointing appliance: single ray
Working temperature: 0 ... 50 °C
Storage temperature: -20 ... 65 °C
Power supply: 9V battery type IEC 6F22 (included)
Battery service life: approx. 12 hours
Dimensions: 152 x 101 x 38 mm
Weight: approx. 227 g

Accessories:

GKK 252 small case (235 x 185 x 48 mm) with foam lining
GKK 3100 case (275 x 229 x 83 mm) with foam lining
GB 9 V spare battery



GIM 530 MS

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.

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**

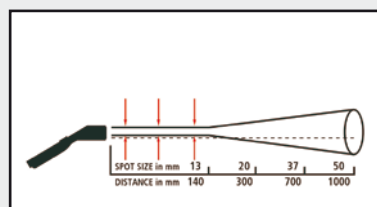
Specification:

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 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
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/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 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

Accessories:

GKK 252 small case (235 x 185 x 48 mm) with foam lining



Display

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

