



No. s for ordering

Order No.	Price / EUR	Quantity
5020-0414	29,-	Miniflash -33°C..220°C
5020-0556	42,-	Flash III -33°C..250°C
5020-0419	58,-	DualTemp -33°C..+220°C/+55°C..+220°C
5020-0503	75,-	ScanTemp 410 -33°C..+500°C
5020-0504	95,-	ScanTemp 440 -33°C..+500°C/+64°C..+1370°C
5020-0510	129,80	Proscan -32°C..530°C
5600-0062	65,-	ISO-Manufacturer certificate (3 points at 25°C, 100°C and 200°C) Other testing points are on request

Presented to you :



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For ordering please enter your contact details:

Firm _____

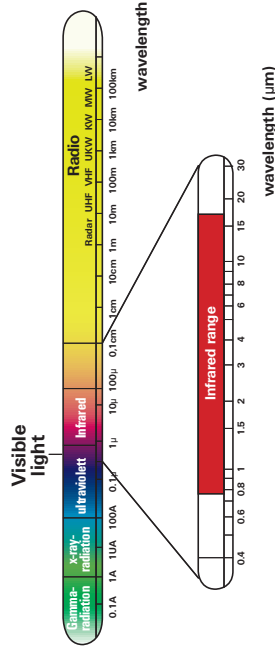
Name _____

Street _____

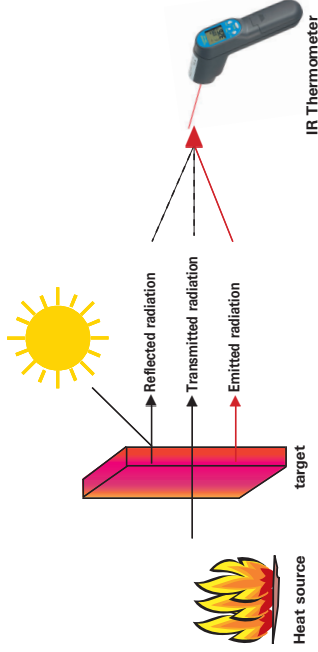
Postcode town _____

Tel./Fax _____

Every body emits electromagnetic waves according to its temperature. The spectrum of electromagnetic waves covers, radio waves, visible light, ultraviolet radiation, gamma and x-ray radiation. The IR radiation is below the visible red light and above the radio waves. Therefore it is named infra = latin: below.



The lens of an infrared thermometer is like a camera. The lens captures the radiated electromagnetic waves. Behind the lens there is a light sensitive coating. There the signal will be converted and afterwards the measurement value will shown on the display.



The optical resolution is defined as the relationship between the distance of the measuring device from the target, and the diameter of the spot. The greater this value, the better the optical resolution of the measuring device, and the smaller the target can be at a given distance.

Advantages of noncontact temperature measurement:

- Superfast measurement: response time appr. 0,5 seconds
- Moving parts or high-voltage parts can be safely measured
- No influence on the target: e.g. small electronic components can be measured very accurately.

Non-contact temperature measurement



IR-Thermometer



Applications

Food / Household / Hobby

Wherever there is a need for fast temperature measurements, IR-Thermometers can be the perfect solution. Just point and shoot and in a split second you are able to read the temperature from the display. It is a must for food applications, preventing goods being contaminated or visually spoilt. The ideal solution for:

- measuring wine temperature, baby food
- measuring bath water, pool
- quick test of the room temperature
- measuring floor surface temperature
- HACCP



Models: Miniflash, Flash III, Dualtemp, ScanTemp 410

HVAC

Infrared thermometers are the perfect tools for HVAC applications, as you are able to make precise measurements from a distance in less than 1 second. The simple operation prevents operator errors and eliminates the need for extensive user training.



- Checking thermostats
- Detecting leakage
- Temperature monitoring of supplied and returned air in ducts
- Evaluation of steam distribution systems
- can wall temperature for defects in isolation

Models: Miniflash, Flash III, Proscan, ScanTemp 410 /440.

Electricity/Electronic

Infrared thermometers are proven tools used for electrical systems and equipment maintenance inspection. IR thermometers quickly and conveniently measure surface temperatures from a safe distance to keep your plant operating efficiently and preventing costly shutdowns:

- Checking electrical components e.g. transformers
- Maintenance of electrical installations
- Locating hot spots and short circuits
- Trouble shooting on pcbs



Models: Proscan, ScanTemp 410 /440

Automotive

Infrared thermometers are perfect tools to support mechanics to diagnose and locate temperature-related engine problems:

- Locating motor troubles
- Checking air condition e.g.: temperature measurement at the air ducts
- Cooling system inspection e.g.: measuring the radiator
- Temperature measurements of the tyres



Models: Proscan, ScanTemp 410 /440

Products

Miniflash

Very easy to use and particularly favourable. The Miniflash is an indispensable assistant for all food applications.



Temperature range: -33°C.. +220°C
Accuracy: ±1,5°C (0..50°C), sonst ±2°C
Resolution: 0,1°C
Optical resolution: 1,3 : 1
Functions: Max-Min-Hold, Lockmode, °C/°F -switchable
Dimensions/weight: 68 x 37 x 18 mm, 25 g
Order No.: 5020-0414

29,-

Flash III

Same as Miniflash, but with the addition of laser and adjustable emissivity for measuring surface up to 250°C.



Temperature range: -33°C.. +250°C
Accuracy: ±2°C or 2 % (whichever is greater)
Resolution: 0,1°C
Optical resolution: 3 : 1
Functions: Max-Min-Hold, Lockmode, °C/°F switchable, Laser, emissivity adjustable
Dimensions/weight: 21,5 x 60 x 104 mm, 65 g
Order No.: 5020-0556

42,-

Dualtemp

Measuring the core temperature or the surface temperature of food. For measuring the surface temperature (e.g. food packaging) you are using the infrared sensor and with the immersion probe you are able to measure the core temperature.



Temperature range: -33°C.. +220°C
Infrared: Insertion probe: -55°C.. +220°C
Accuracy: ±2°C or 2 % (whichever is greater)
Infrared: ±1°C or 1 % (whichever is greater)
Thermocouple: 0,1°C
Resolution: 1,3 : 1
Functions: Max-Min-Hold, Lockmode, °C/°F-switchable, adjustable emissivity, incl. pouch
Dimensions/weight: 24 x 29,8 x 156 mm, 70 g
Order No.: 5020-0419

58,-

ScanTemp 410

For safe and accurate temperature measurement reach for our ScanTemp Series. To measure a wide temperature range you simply aim, pull the trigger, and read the temperature on a large, backlight LCD display. The laser sighting will pinpoint the centre of the measuring spot size. The improved optics allows you to measure a smaller spot size further away from your target.



75,-

Temperature range: -33°C.. +500°C
Accuracy: ±2°C or 2 % (whichever is greater)
Resolution: 0,1°C
Optical resolution: 11 : 1
Functions: Max-Hold, °C/°F-switchable, Laser, Backlit, incl. pouch
Dimens./weight: 175 x 39 x 79 mm, 180 g
Order No.: 5020-0503

ScanTemp 440

The access into professional measurements. In spite of the multifunction capability, the instrument still remains user-friendly. In addition to the functionality of the ScanTemp 410, you are able to connect all types of type K thermocouple probes (core temperature measurements). The adjustable emissivity assured accurate measurements. For maintenance application the acoustic and optic HI-LO-Alarm is a very useful feature.



95,-

Temperature range: -33°C.. +500°C
Infrared: Thermocouple: -64°C.. +1370°C
Accuracy: Infrared: ±2°C or 2 % (whichever is greater)
Thermocouple: ±1°C or 1 % (whichever is greater)
Resolution: 0,1°C
Optical resolution: 11 : 1
Functions: Max-Min-Hold, Lockmode, °C/°F -switchable, Laser, adjustable emissivity, HI-LO-Alarm, thermocouple, incl. pouch
Dimens./weight: 175 x 39 x 79 mm, 180 g
Order No.: 5020-0504

Proscan

High precision and a ergonomic design characterised the instrument. Due to the special glass lens, the measuring beam of the instrument has a diameter of 13 mm at any distance within 140 mm. Further functions: Laser, adjustable emissivity, HI-LO-alarm, Max-Min-Hold.



129,80

Temperature range: -32°C.. 530°C
Accuracy: ±1°C or 1% from 0.. 530°C
±1°C±0,07°C / °C from -32.. 0°C
Resolution: 0,1°C
Optical resolution: 20 : 1
Functions: Max-Min-Hold, °C/°F-switchable, Laser, adjustable emissivity, HI-LO-Alarm, incl. pouch
Dimensions/weight: 190 x 38 x 45 mm; 150 g
Order No.: 5020-0510