

Infrared thermometer with thermocouple input and laser

SCANTEMP 440



- Non-contact measurement with input for thermocouple probes type K
- Large display area: Simultaneous display of reading and Max/Min or Alarm
- With laser sighting and backlight
- Wide temperature range
 - Infrared: -33..+500°C
 - Thermocouple: -64..+1400°C
- HOLD-, MAX-, MIN-, DIF-, AVG-function
- Adjustable emissivity
- Alarm function, audible and optical
- Lockmode for continuous measurements

Areas of applications

With IR-Thermometry you are able to measure the surface temperature. The short response time and no need to touch the object is an important advantage.

- § Moving parts(running paper webs...)
- § Determine the surface temperature of gears and motors
- § Live parts(electrical components, transformers...)
- § Non-touchable parts (freshly painted parts)
- § Food and corrosive substances

Technical data

Optical resolution	11:1
Temperature range	-33..+500°C (thermocouple input: -64..+1400°C)
Display resolution	0,1°C(above 200°C 1°C)
Accuracy	+2% or 2°C whichever is greater (thermocouple input: +-1°C or 2% whichever is greater)
Spectrale response	6..14µm
Working temperature	0..50°C
Battery life	Typcally 40 Hours operating time
Battery	2 x 1,5 volt AA size
Dimension	30 x 42,9 x 138 mm
Weight	130gr.
Functions	

HOLD/MAX/MIN/DIF/AVG/LOCK-function
Adjustable emissivity 0.10..1.00
C/F-switchable
Laser, Backlight
Alarm function, audible and optical
Thermocouple input