

Термометры инфракрасные CARL ROTH

Технические характеристики

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Киргизия (996)312-96-26-47



Infrared thermometers



Penetration/infrared thermometer testo 104-IR

Testo.

Penetration thermometer combined with an infrared sensor for core and surface temperature measurements.

- Penetration sensor: L 106 mm, can be folded away; NTC sensor
- Two-point laser mark for indicating the actual measurement spot
- Large LCD display for easy reading of measurement results

Technical specifications:

Art. No.	XK00.1
Type	testo 104-IR
Parameters	Temperature
Infrared measuring range	-30 to +250 °C
Penetration probe measuring range	-50 to +250 °C
Resolution	0,1 °C
Accuracy	Infrared: ±2.5 °C (-30 to -20.1 °C) ±2.0 °C (-20 to -0.1 °C) ±1.0 °C or 1.5% of m.v. (outside) Penetration sensor: ±1 °C (-50 to -30.1 °C) ±0.5 °C (-30 to +99.9 °C) ±1% of m.v. (outside)
Measuring cycle	0.5 s
Measuring distance : measuring spot ratio	10 : 1
Emissivity	0,10–1,00
IP rating	65
L x W x H	48 x 21 x 178 mm
Weight	197 g
Power supply	2x battery Micro/AAA 1.5 V

Delivery incl. batteries and calibration protocol.

Type	Art. No.	Pack Qty.	
testo 104-IR	XK00.1	1 unit(s)	



Infrared thermometer Scantemp 385

Dostmann.

For non-contact surface temperature measurement. **With spot laser for marking the measurement zone.** Backlit display. Lock function for continuous operation.

Technical specifications:

Art. No.	LY46.1
Type	Scantemp 385
Parameters	Temperature
Infrared measuring range	-35 to +365 °C
Resolution	0.1 °C (-35 to +199.9 °C), 1.0 °C (outside)
Accuracy	±2 °C or ±2% (largest value applies)
Measuring distance : measuring spot ratio	12 : 1
Emissivity	0,95 / 0,70
W x D x H	64 x 34 x 167 mm
Weight	150 g
Power supply	2x battery Micro/AAA 1.5 V

Delivery incl. batteries.

Type	Art. No.	Pack Qty.	
Scantemp 385	LY46.1	1 unit(s)	

Infrared thermometers



Infrared thermometer with thermocouple input

Dostmann.

- Infrared measuring range of up to +500 °C
- **Mini TE input for NiCr-Ni (type K) thermocouple sensor available**
- Min/max/hold function
- Storage of differential and mean values
- Visual and audible alarm when limits are exceeded
- LCD display for simultaneous display of measured value and min/max or limit values
- Emission level can be adjusted from 0.10 to 1.00
- With backlit display

Technical specifications:

Art. No.	KA38.1	EHP6.1
Type	Scantemp 490	Scantemp Pro 450
Parameters	Temperature	
Infrared measuring range	-60 to +1000 °C	-60 to +500 °C
Thermocouple input measuring range	-64 to +1370 °C	
Resolution	0.1 °C (up to +999.9 °C), 1 °C (from 1000 °C)	0.1 °C (up to +199.9 °C), 1 °C (from 200 °C)
Accuracy	Infrared: ±2 °C or 2% (largest value applies) Thermocouple input: ±1 °C or 1% (largest value applies)	
Measuring distance : measuring spot ratio	50 : 1	12 : 1
Emissivity	0,10–1,00	
W x D x H	45 x 145 x 215 mm	39 x 82 x 182 mm
Weight	380 g	180 g
Power supply	2x battery Micro/AAA 1.5 V	

Delivery incl. batteries. No temperature sensor is included, please order separately if required.

(1) Scantemp Pro 450

With circular laser for marking the measuring point

Type	Art. No.	Pack Qty.	
Scantemp Pro 450	EHP6.1	1 unit(s)	

(2) Scantemp 490

With double spot laser for indicating the actual measurement area in each measuring distance.

Type	Art. No.	Pack Qty.	€
Scantemp 490	KA38.1	1 unit(s)	227,90



Infrared thermometer Mini flash

Dostmann.

For non-contact measuring of surface temperatures. Automatic hold function for approximately 15 s. Lock function for continuous operation.

Technical specifications:

Art. No.	Y400.1
Type	Mini flash
Parameters	Temperature
Infrared measuring range	-33 to +220 °C
Resolution	0,1 °C
Accuracy	±1.5 °C (0 to +50 °C) ±2.0 °C or 2% (outside)
Measuring distance : measuring spot ratio	1,3 : 1
Emissivity	0,95
Operating temperature	0 to +50 °C
L x W x H	37 x 17 x 68 mm
Weight	25 g
Power supply	1x battery button CR 2032 (3 V)

Delivery incl. battery.

Type	Art. No.	Pack Qty.	
Mini flash	Y400.1	1 unit(s)	



Infrared thermometers



Infrared thermometer testo 835-T1 with thermocouple input

Testo.

Non-contact measurement from a safe distance.

- Reliable IR measurement up to +600 °C with display of min/max values
- Mini TE input for NiCr-Ni (type K) thermocouple sensor available**
- Four-point laser indicates the exact measuring range, and thus prevents incorrect measurements
- 50:1 lens allows precise measurements at a great distance (5 m distance = 10 cm measured surface)
- Adjustable emission level (0.10 to 1.00) allows the measurement of a variety of surfaces
- Integrated emission level table (stores 20 values) allows the fast selection of the correct emission level for the relevant surface
- With freely adjustable alarm management upper and lower levels; acoustic and visual signals indicate if a limit value is exceeded
- Stores up to 200 measurement values, evaluation using software supplied
- Illuminated display for measurements in dark environments

Technical specifications:

Art. No.	HTX0.1
Type	testo 835-T1
Parameters	Temperature
Infrared measuring range	-30 to +600 °C
Thermocouple input measuring range	-50 to +600 °C
Resolution	0,1 °C
Accuracy	Infrared: ±2.5 °C (-30 to -20.1 °C) and ±1 digit ±1.5 °C (-20 to -0.1 °C) ±1 digit ±1.0 °C (0 to +99.9 °C) and ±1 digit ±1% (outside) and ±1 digit Thermocouple: ±(0.5 °C + 0.5%) and ±1 digit
Measuring distance : measuring spot ratio	50:1
W x D x H	63 x 166 x 193 mm
Weight	514 g
Power supply	3x battery Mignon/AA 1.5 V

Delivery incl. PC software, calibration protocol and batteries.

Type	Art. No.	Pack Qty.	
testo 835-T1	HTX0.1	1 unit(s)	



Thermohygrometer analogue

ROTH SELECTION.

Hygrometer and thermometer. For determining steam pressure, dew point and saturation steam pressure, etc.

Technical specifications:

Art. No.	1908.1
Parameters	Temperature, Humidity
Temperature measuring range	-30 to +50 °C
Rel. humidity measuring range	0 to 100 %
Ø x H	100 x 250 mm
Weight	192 g

Version	Art. No.	Pack Qty.	
Analogue	1908.1	1 unit(s)	



Thermohygrometer Ultra-flat

TFA-Dostmann.

Very flat design with glossy surface.

- With smiley as comfort zone indicator (dry/comfortable/wet)
- Can be wall-mounted or used on desk

Technical specifications:

Art. No.	1AX6.1
Parameters	Temperature, Humidity
Temperature measuring range, internal	0 to +50 °C
Rel. humidity measuring range	20 to 95 %
Resolution	0,1 °C, 1 %
Temperature accuracy	±1 °C (0 to 40 °C), ±2 °C (outside)
Rel. humidity accuracy	±5% (40 to 80%), ±8% (outside)
Min./max. function	Yes
Alarm	No
L x W x H	100 x 48 x 82 mm
Weight	70 g
Power supply	1 x CR 2025 button cell battery (3 V)

Delivery incl. battery.

Version	Art. No.	Pack Qty.	
Ultra-flat	1AX6.1	1 unit(s)	

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