

## THERMOMETERS COMPARATIVE TABLE

	TIR-50C	SA 880 SSX	TFC-502	TFC-201	THA-261
					
Thermometer	✓	✓	✓	✓	✓
Hygrometer	no	no	no	no	yes
Measurement technology	infrared	contact	contact (2 probes)	contact (2 probes)	contact
Measured distance ratio	16:1	-	-	-	-
Emissivity	Adjustable (0,1 - 1,0)	-	-	-	-
Supported probes	-	-	K, J	K	-
Measuring units	°C, °F	°C, °F	°C, °F	°C, °F	°C, °F
Measurement range	-50 a 800 °C	-50 a 300 °C	-200 a 1375 °C (K)	-200 a 1375 °C (K)	-20 a 60 °C
Resolution	1 °C	0,1°C (19,9 a 199,9°C) 1°C (altro)	0,1 °C	0,1°C (-100 a 1370°C) 1°C (-100 a -200°C)	0,1°C
Accuracy	±2,5% reading	±1°C (-20 a 80°C) ±5°C (altro)	±0,05% reading (K)	±0,05% reading (K)	±0,5% °C (0 to 45 °C)
Range measurement Rh%	-	-	-	-	0 - 100
Resolution Rh%	-	-	-	-	0,1%
Accuracy Rh%	-	-	-	-	±2,5% °C to 25 °C (10% to 90% Rh)
Power supply	1x9V alkaline batteries	1xDC1,5V alkaline batteries	1x9V alkaline batteries	2x1,5V alkaline batteries	2x1,5V alkaline batteries
Dimensions	190 x 90 x 60 mm	107 x 60 x 20 mm	200 x 120 x 60 mm	190 x 60 x 50 mm	190 x 60 x 50 mm
Weight	0,16 kg	0,11 kg	0,5 kg	0,2 kg	0,2 kg

## TIR-50C

### Infrared thermometers

- Non-contact measurement with laser pointer.
- Wide range of applications: checking foodstuffs on stands, pallets or inside warehouses and means of transport, checking of temperature in inaccessible or dangerous places.
- Auto Power off after 4 seconds non-operation.
- Adjustable emissivity (0.1 - 1.0).
- Backlight digital display for use in dark areas.
- Hold data.
- Laser class II.
- °C/F switchable.
- Battery indicator.

Code	Model	Dimensions	Weight
09011060	TIR-50C	190 x 90 x 60 mm	0,16 kg



### Technical features

Measuring range	-50 to 800°C
Distace	spot Ratio 16:1
Accuracy	±2,5% reading
Repeatability	1% reading or 1°C
Response time	500 msec
Operating environment	0°C to 60°C
Storage temperature	-20°C to +60°C (battery-free)
Resolution	1 °C
Batteries	9 Volt x 1
Batteries life	12 hours
laser sight	yes

## SA 880 SSX

### Digitales thermometer

Code	Model	Dimensions	Weight
09011031	SA 880 SSX	107 x 60 x 20 mm	0,11 kg



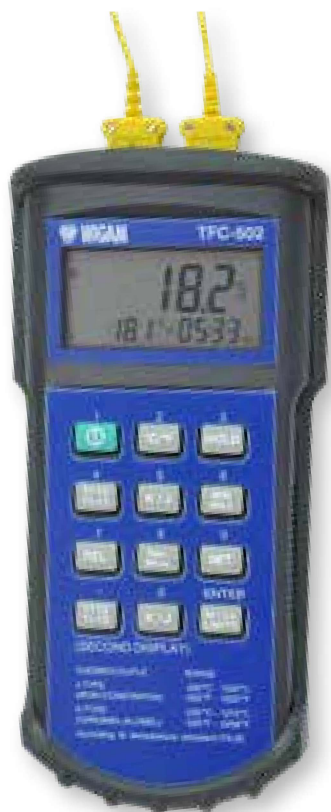
### Technical features

Measuring range	-50 to +300°C
Probe	100 mm. stainless steel
Resolution	0,1°C (-19,9°C to 199,9°C)
Measuring units	°C/°F
High or low temperature programmable	yes

**NEW**



## DIGITAL DUAL INPUT THERMOMETER



### TFC-502

#### Digital dual input thermometer

Code	Model	Dimensions	Weight
09011021	TFC-502	200 x 120 x 60 mm	0,5 kg



#### Technical features

Measuring range (Probe K)	-200 °C; 1375°C
Measuring range (Probe J)	-200°C to 1050°C
Supported probes	K - J
Resolution	0,1°C
Accuracy	+/-0,05% rdg+0,3°C
Measuring units	°C / °F



#### Calibration

Code	Model	Description
09053006		Calibration report ref. Accredia for thermometers with 2 calibrated probes
09011021001	TFC-502/RT	Thermometer with calibration report



### TFC-201

#### Digital dual input thermometer

Code	Model	Dimensions	Weight
09011053	TFC-201	190 x 60 x 50 mm	0,2 kg



#### Technical features

Measuring range (Probe K)	-200 °C to 1375°C
Supported probes	K
Resolution	0,1°C (-100°C to 1375°C)
Accuracy	+/-0,05% rdg+0,3°C
Measuring units	°C / °F



#### Calibration

Code	Model	Description
09053006		Calibration report ref. Accredia for thermometers with 2 calibrated probes

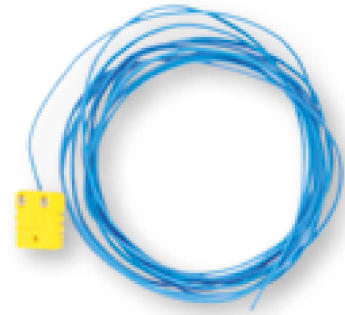
## TK109 Fiber glass insulated thermocouple

Code	Model	Measuring range	Cable length	Dimensions	Weight
09012013	TK109	-50 to +200°C	3 m	100 x 80 x 10 mm	0,02 kg



### Calibration

Code	Description
09053005	Calibration report ref. Accredia for TK109



## TK109-STRIP Fiber glass insulated thermocouple with strip

Code	Model	Measuring range	Cable length	Dimensions	Weight
09012037	TK109-STRIP	-50 to +200°C	3 m	100 x 80 x 10 mm	0,02 kg



### Calibration

Code	Description
09053005	Calibration report ref. Accredia for TK109-STRIP



Strip suitable for hoses max. diameter 80 mm

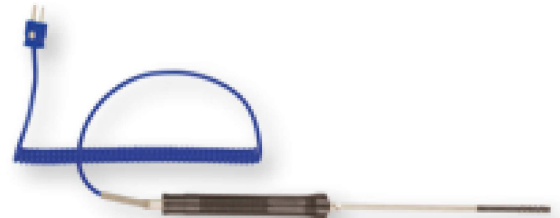
## TK104 Fast reacting probe for air and gases

Code	Model	Measuring range	Cable length	Dimensions	Weight
09012019	TK104	-50 to +800°C	27 cm	380 x 100 x 10 mm	0,12 kg



### Calibration

Code	Description
09053001	Calibration report ref. Accredia for TK104



## TK106 Insertion probe for food-stuff, plastic, rubber etc.

Code	Model	Measuring range	Cable length	Dimensions	Weight
09012016	TK106	-50 to +700°C	27 cm	380 x 100 x 10 mm	0,09 kg



### Calibration

Code	Description
09053003	Calibration report ref. Accredia for TK106



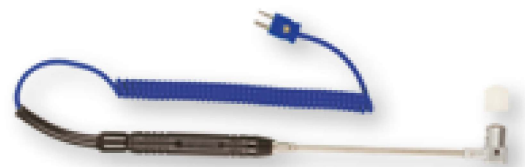
## TK105 Surface probe

Code	Model	Measuring range	Cable length	Dimensions	Weight
09012020	TK105	-50 to +400°C	27 cm	380 x 100 x 10 mm	0,14 kg



### Calibration

Code	Description
09053002	Calibration report ref. Accredia for TK105



## TK107 Clamp on probe for measurements on pipes

Code	Model	Measuring range	Cable length	Dimensions	Weight
09012017	TK107	-50 to +120°C	54 cm	230 x 100 x 40 mm	0,16 kg



### Calibration

Code	Description
09053004	Calibration report ref. Accredia for TK107



Max opening 36 mm

## THERMOMETERS



### ST09 /ST10

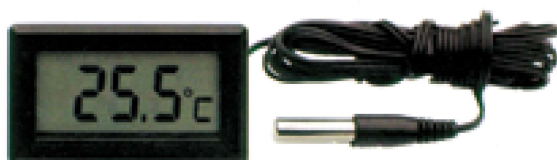
#### Digital thermometer

Rif	Code	Model	Dimensions	Weight
A	09011023	ST09	210 x 80 x 20 mm	0,04 kg
B	09011050	ST10	240 x 70 x 20 mm	0,04 kg



#### Technical features

	ST09	ST10
Temperature range	-40 to 200°C	-50 to 300°C
Temperature resolution	0,1°C	1°C (>205°C) 0,1°C (others)
Power supply	DC 1,5V LR44	DC 1,5V LR44
Dimensions	20 x 150 mm	20 x 207 mm



### EWTL300

#### Digital LCD thermometer

Code	Model	Dimensions	Weight
09011033	EWTL300	60 x 70 x 20 mm	0,04 kg



#### Technical features

Temperature range	-50 to 70°C
Temperature resolution	0.1°C
Probe	1 m
Power supply	DC 1,5V LR44
Dimensions	48 x 48 x 16 mm



### F87 R100

#### Thermometer with reversible flange

Code	Model	Flange diameter	Measuring range
09011019	F87 R100	100 mm	-40 to +40°C

Code	Dimensions	Weight
09011019	100 x 100 x 50 mm	0,08 kg



### ROF 88

#### Telethermometer

Code	Model	Measuring range	Dimensions	Weight
09011008	ROF 88	-40 to +40°C	100 x 100 x 30 mm	0,06 kg

## MINIDISQUES

### JRI remote temperature recorders

- Small size makes recorder suitable for panel mounting.
- Continuous 7 days' recording on Ø 125 mm chart.
- Stainless steel sensor with 3 mt long capillary tube.
- Complete with wall - mounting bracket, door panel and key lock and 100 recording charts.
- Quartz chart movement, power supply 1 x 1.5V battery; average battery life is 6 months (at 20°C).



DESIGNED IN CONFORMITY WITH EUROPEAN DIRECTIVES 92/1, 93/43, NF E 18-150 AND EN 12830 STANDARD



### Single probe temperature recorders

Code	Model	Measuring range	Recording period	Recording chart	Fiber pen	Dimensions	Weight
09008005	13052.11	-35 to +15 °C	7 days*	D3169	97601	230 x 200 x 170 mm	1,5 kg
09008011	13023.11	-10 to +40 °C	7 days*	D3174	97601	230 x 200 x 170 mm	1,5 kg
09008008	13019.11	-100 to +50 °C	7 days	D3230	97601	230 x 200 x 170 mm	1,5 kg

\* The recording period can be changed in 24h just by moving the lever on the movement and placing a 24h chart.

Other models with different measuring ranges are available on request



### Spare parts

Code	Model	Description	Measuring range	Recording period	Min. Qty
09009001	D3169	Recording chart	-35 to +15 °C	7 days	100
09009003	D3174	Recording chart	-10 to +40 °C	7 days	100
09009002	D3230	Recording chart	-100 to +50 °C	7 days	100
09010001	97601	Fiber pen	-	-	-
09052001	1T/7	Quartz movement motor	-	-	-

## THERMO-HYGROANEMOMETER AND HYGROMETER



### THA-261

#### Digital thermo-hygroanemometer

Code	Model	Dimensions	Weight
09011057	THA-261	190 x 60 x 50 mm	0,2 kg



#### Temperature

Measuring range	-20°C to 60°C
Resolution	0,1°C
Accuracy	±0.5° from 0°C to 45°C
Measuring units	°C - °F



#### Humidity

Measuring range	0% to 100% RH
Resolution	0.1%
Accuracy	±2.5% at 25°C (77°F) 10%to90%RH



#### Wind velocity

Measuring range	0.4 to 20 m/s
Resolution	0,1 m/s
Accuracy	±0.2 m/s + 2% of reading



### DTH-11

#### Digital thermo-hygrometer

Code	Model	Dimensions	Weight
09011052	DTH-11	180 x 120 x 30 mm	0,2 kg



#### Technical features

Indoor temperature range	-30 to +50°C
Outdoor temperature range	-50 to +70°C
Temperature resolution	0,1°C
Humidity range	20% to 99%
Power supply	DC 1,5V alkaline