

Eil.
Nr.

Aprašymas

Electronic Precision Thermometers

--- for Laboratories ---

1.

E 910 550

ad 12 th

E 910 552 Robust Case

E 910 554 Protective Sheat

Very fast indicating digital thermometer, suitable for measuring of core-temperatures on roasting and freezing. Automatic test avoids wrong measurements.



Range	-40... +120°C
Resolution	0,1°C
Accuracy*	±0,5°C or 0,5% of range
Battery	single-block battery 9V 6F22
Battery Life	c. 4000 h
Casing	c. 90 x 60 x 25 mm
Operation Temp.	-10... +50°C

Probe

Extremely fast responding semi conductor of stainless steel.

Type	piercing probe
Response Time	T ₉₀ = 3 sec.
Dimensions (l x Ø)	c. 120 x 2,5 mm
Cable	PVC c. 400 mm

* the bigger value applies each time

2.

E 910 560 - 910 572

ad 15 th

E 910 560 Casing black

E 910 564 Casing red

E 910 566 Casing blue

E 910 568 Casing yellow

E 910 572 Casing green

E 910 580 Robust Case

General purpose thermometer favourable in price and approved in thousand ways for the universal use in industry, laboratory, research and education. Very short response time at precise results of measuring values.



Range	-40... +120°C
Resolution	0,1°C
Accuracy*	±0,4°C or 0,4% of range
Battery	single-block battery 9V 6F22
Battery Life	c. 4000 h
Casing	c. 90 x 60 x 25 mm
Operation Temp.	-10... +50°C

Probe

Extremely fast responding semi conductor of stainless steel.

Type	standard probe
Response Time	T ₉₀ = 3 sec.
Dimensions (l x Ø)	c. 30 x 2,5 mm
Cable	PVC, c. 400 mm

* the bigger value applies each time

3.

E 910 670 - 910 692**ad 30/31 th****E 910 670 ad 30 th****E 910 688 Robust Case ad 30 th****E 910 680 ad 31 th****E 910 688 Robust Case ad 31 th****E 910 692 Recorder**

Approved and precise digital thermometer for exact and fast temperature measurements for surfaces in liquids, gases and plastic substances.

Ad 31 th additionally with recorder output facility.

With Hold- Function
With Surface Patch



Range	-40...+150°C
Resolution	0,1°C
Accuracy*	±0,3°C or 0,3% of range
Battery	single-block battery 9V 6F22
Battery Life	c. 2000 h
Casing	c. 115 x 65 x 26 mm
Operation Temp.	-10...+50°C

Probe

Precise and fast responding semi conductor of stainless steel.

Type	piercing probe
Response Time	T ₉₀ = 3 sec.
Dimensions (l x Ø)	c. 100 x 2,5 mm
Cable	PVC, c. 1000 mm

* the bigger value applies each time

4.

E 911 410 - 911 426**Ama Spezial****E 911 410 - 30 ... - 10°C****E 911 412 - 15 ... + 5°C****E 911 414 0 ... + 20°C****E 911 416 + 15 ... + 35°C****E 911 418 + 30 ... + 50°C****E 911 420 + 45 ... + 65°C****E 911 422 + 60 ... + 80°C****E 911 424 + 75 ... + 95°C****E 911 426 + 90 ... +110°C**

Hold-Function
Max/Min
Special Fabrications possible

Precision measurement in temperature intervals at a resolution of 0,01°C.
Delivered in robust case.

Range	-30...-10°C bis +90...+110
Resolution	0,01°C
Accuracy*	±0,04°C
Battery	single-block battery 9V 6F22
Battery Life	c. 2000 h
Casing	c. 120 x 60 x 25 mm
Operation Temp.	0...+50°C

Probe

Very exact, fast responding precision thermistor of stainless steel.

Type	standard probe
Response Time	T ₉₀ = 4 sec.
Dimensions (l x Ø)	c. 105 x 2,0 mm
Cable	PVC c. 1000 mm

Electronic Thermometers for Precise Measurements

---ad 1700 th ---

5.

E 911 000

ad 1700 th

Multifunctional digital thermometer with two connections for probes and unlimited ranges of application in laboratories, research and development. Clear operation facility due to the membrane keyboard, big display, precise measuring results

hold funktion
max/min function
0,01°C ↔ 0,1°C



Range	-200... +1200°C
Resolution	0,01°C
Accuracy*	± 0,02°C → -20... +100°C
Battery	9V 6F22 single-block battery
Battery Life	ca. 200 h
Casing	200 x 68 x 35 mm

Options

RS 232 serial interface
Memory for 200 data sets
Software
9V mains adapter
Real-time clock
Precalibrated probes

Precise Pt 100 probes of stainless steel

Type	Dimensions*	Response time
Immersion, Piercing or Air Probe	150 x 3,0mm	T ₉₀ = 8 - 18 sec.

*Many other dimensions as special designs are possible!

Precise Pt 100 probes of glass

Type	Dimensions	Immersion Depth	Response Time	Accessories
Immersion Probe	180 x 6,5 or 8,5mm 180 x 3,0mm	ca. 30mm	T ₉₀ = 20 sec.	Adjustable ground joint metal ferrules to fit ASTM

High temperature probe of stainless steel for type K/NiCr-Ni

Type	Dimensions	Response Time
Immersion Probe	140 x 3,0mm	T ₉₀ = 15sec.

Electronic Precision Thermometers

--- Contact Thermometer KT 1000 ---

6. **E 911 500** **ad 3000 th – Thermometer Precisa**

The first electronic hand-held thermometer with finest resolution 0,001°C for high specialised measuring tasks.

hohe Genauigkeit
high accuracy



Optionen / Options

serielle Schnittstelle RS 232
serial interface RS 232
Software
9V Netzteil
9V mains adaptor

Funktionen/ Functions

Maxima / Minima
0,01°C ↔ 0,001°C
wassergeschützt nach IP 65
water resistant IP65

gute Langzeitstabilität
high long-term stability

Messbereich range	-20...+150°C
Auflösung resolution	0,001°C
Reproduzierbarkeit* consistency*	± 0,01°C → +20... +50°C
Batterie battery	9V 6F22 Blockbatterie single-block battery
Standzeit battery life	c. 180 h
Gehäuse casing	150x80x32 mm
Hochpräziser festangeschlossener Pt 1000 4-Leiterfühler aus Edelstahl High precise, fixed connected Pt 1000 4-conductor probe of stainless steel	
Typ type	Eintauchfühler immersion probe
Eintauchtiefe depth of immersion	100 mm
Maße dimensions	150x3,0 mm
Kabellänge cable length	PVC, c. 1200 mm
Ansprechzeit response time	T ₉₀ = 20 sec.

* Die Reproduzierbarkeit der Messwerte bezieht sich auf die beiden werkseitig eingestellten Prüfpunkte 20°C und 50°C.
* The consistency of the measuring values refers to the factory-made adjusted test points 20°C and 50°C.

Electronic Precision Thermometers

--- for Foodstuff ---

7. **E 910 600** **ad 17 th**

E 910 602 Robust Case

E 910 604 Protective Sheat

Piercing thermometer, very well suitable for core-measurements on roasting and freezing;
wide measuring range, stable piercing probe with heat-resistant PTFE-cable and handle.

Handle of Probe and Cable resistant up to 250°C !



Range	-50...+300°C
Resolution	0,1°C → -50...+180°C
Accuracy*	±0,5°C or 0,5% of range
Batterie	single-block battery 9V 6F22
Battery Life	c. 3000 h
Casing	c. 90 x 60 x 25 mm
Operation Temp.	-10...+50°C

Probe

Precise Pt 100 probe of stainless steel

Type	piercing probe
Response Time	T ₉₀ = 20 sec.
Dimensions (l x Ø)	c. 120 x 3,0 mm
Cable	PTFE c. 1500 mm

* the bigger value applies each time

8.

E 910 620**ad 18 th**[TOP](#)

Water resistant piercing thermometer, very well suitable for core-measurements on roasting and freezing; robust piercing probe with heat-resistant PTFE-cable and handle.

Handle of Probe and Cable
resistant up to 250°!
Water resistant IP 65



Range	-30...+200°C
Resolution	0,1°C
Accuracy*	±0,5°C or 0,5% of range
Battery	single-block battery 9V 6F22
Battery Life	c. 300 h
Casing	c. 150 x 80 x 32 mm
Operation Temp.	0...+50°C

Probe

Precise responding semi conductor of stainless steel.

Type	piercing probe
Response Time	T_{90} = 20 sec.
Dimensions (l x Ø)	c. 120 x 3,0 mm
Cable	PTFE c. 1500 mm

* the bigger value applies each time