



1 Anti-vibration platform, Vibrasorb

NEW!

For absorbing and damping vibrations down to 9Hz. Comprises a moulded terazzo slab supported on four vibration absorbers with non-slip feet. Suitable for isolating sensitive analytical instruments such as balances and microscopes. Will support up to 16kg.

Bel-Art Products

Width mm	Depth mm	Height mm	Weight kg	PK	Cat. No.
350	350	76	19	1	9.941 600
450	560	76	39	1	9.951 600



2 LLG-General purpose thermometer

NEW!

Graduation resistant against acids and alkalis, red filling. Graduations: 1°C. Breakage protected versions with FEP-coating available on request.

Measuring range °C	Length mm	Immersion depth mm	Capillary	PK	Cat. No.
-35 ... +50	300	total	white enameled, round	1	9.236 720
-20 ... +110	300	total	white enameled, round	1	6.206 594
-20 ... +150	300	total	white enameled, round	1	9.236 723
-10 ... +110	260	total	yellow enameled, round	1	9.236 721
-10 ... +110	270	76mm	yellow enameled, round	1	9.236 727
-10 ... +150	260	total	yellow enameled, round	1	9.236 722
-10 ... +150	260	76mm	yellow enameled, round	1	9.236 728
-10 ... +200	300	total	yellow enameled, round	1	9.236 724
-10 ... +200	300	total	white enameled, round	1	9.236 725
-10 ... +200	300	76mm	yellow enameled, round	1	9.236 729
-10 ... +250	300	total	yellow enameled, round	1	9.236 726



3 LLG- General-purpose thermometers

Enclosed-scale type, with eyelet, 7 to 8mm diameter. With uncoated, prismatic measuring capillary. Red spirit filling (except 9.235 265: blue). Resolution 1°C.

Measuring range °C	Length mm	PK	Cat. No.
-10/0 ... +50	200	1	9.235 245
-10/0 ... +100	260	1	9.235 250
-10/0 ... +150	260	1	9.235 255
-10/0 ... +200*	300	1	9.235 260
-10/0 ... +250*	300	1	9.235 265

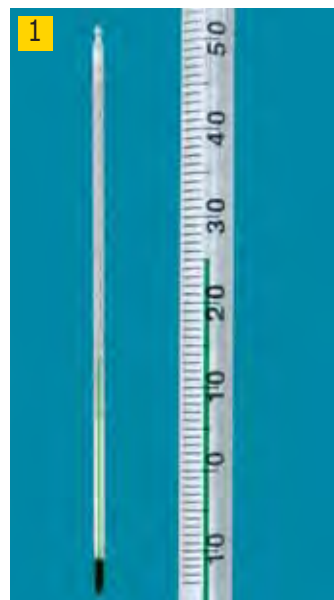
* Note: With these types the colour can fade after extended periods of use at higher temperatures.

3. Analytical measurement and testing Thermometers/Laboratory thermometers

1 LLG- General-purpose thermometers

Glass, solid stem, with loop, 6 to 7mm diameter, white backed. Environmentally friendly thermometer, with biodegradable, green spirit filling. Partial immersion 76mm.

Measuring range °C	Graduations °C	Length mm	PK	Cat. No.
-10/0 ... +110	1.0	300	1	9.235 275
-10/0 ... +110	0.5	300	1	9.235 276
-10/0 ... +150	1.0	300	1	9.235 277
-10 ... +250	2.0	300	1	9.235 278
-10 ... +360	2.0	300	1	9.235 279



2 LLG-Precision thermometer with certificate

NEW!

Filling: red, capillary: yellow enameled, round, immersion depth: total.
Optional available with official calibration certificate, works certificate or DKD-calibration certificate.
Please specify with order.
Breakage protected versions with FEP-coating available on request.

Measuring range °C	Graduations °C	Length mm	PK	Cat. No.
-50 ... +50	1.0	280	1	9.236 800
-10 ... +100	1.0	305	1	9.236 783
-10 ... +150	1.0	305	1	9.236 784
-10 ... +200	1.0	350	1	9.236 788
-50 ... +50	0.5	300	1	9.236 801
-10 ... +100	0.5	270	1	9.236 785
-10 ... +150	0.5	350	1	9.236 786



LLG-High-Precision thermometers

NEW!

For precise measuring. Filling: red, capillary: yellow enameled, round, immersion depth: total.
Optional available with works certificate or DKD-calibration certificate. Please specify with order.
Breakage protected versions with FEP-coating available on request.

Measuring range °C	Graduations °C	Length mm	PK	Cat. No.
-1 ... +101	0.1	610	1	9.236 790
-0 ... +50	0.1	420	1	9.236 787
-1 ... +200	0.2	610	1	9.236 789

3 LLG-Precision thermometer, -200°C up to +30°C

NEW!

For measuring low temperatures from -200 up to +30°C. Enclosed scale DIN 12778.
Graduations 1°C, immersion depth total.
Optional available with, works certificate or DKD-calibration certificate. Please specify with order.
Breakage protected versions with FEP-coating available on request.



Measuring range °C	Length mm	Capillary	Charge colour	PK	Cat. No.
-200 ... +30	350	blue reflecting, prismatic	Pent, red	1	9.236 780
-150 ... +30	300	white enameled, prismatic	Pent, red	1	9.236 791
-100 ... +30	305	transparent, prismatic	Alk, red	1	9.236 781
-50 ... +30	305	transparent, prismatic	Tol, red	1	9.236 782

Precision laboratory thermometers

NEW!

Precision laboratory thermometers, enclosed scale, dia. 8 to 9mm.
 Bluereflecting prismatic capillary with mercury filling.
 Unnamed capillary, red filling total immersion all items suitable for calibration.

Schneider

Measuring range °C	Resolution °C	Length mm	PK	Cat. No.
0 ... +100	1/100	550	1	6.236 472

All listed items can be delivered with official calibration, works calibration certificate and DKD-calibration certificate. Prices on request.

1


1 ASTM precision thermometers

NEW!

ASTM precision thermometers, especially for oil and fuel testing, tubular, capillary, coated yellow round, verifiable.

Schneider

Measuring range °C	Resolution °C	Charge	Length mm	Immersion depth mm	PK	Cat. No.
-5 ... +400	1/1	Hg	410	76	1	6.226 998
-38 ... +50	1/1	Hg	225	108	1	6.226 569
-80 ... +20	1/1	red	225	76	1	6.223 459
-2 ... +300	1/1	Hg	380	380	1	6.226 999
-2 ... +400	1/1	Hg	380	380	1	6.227 000
+90 ... +370	2/1	Hg	285	57	1	6.226 208
-6 ... +400	2/1	Hg	305	25	1	6.233 890
-20 ... +102	1/5	Hg	415	total	1	6.228 994
-2 ... +80	1/5	Hg	390	79	1	6.226 902
+34 ... +42	1/10	Hg	270	270	1	6.233 875
+95 ... +103	1/10	Hg	270	270	1	6.233 876
-38 ... +42	1/5	Hg	415	415	1	6.233 877
+25 ... +105	1/5	Hg	415	50	1	6.223 178
+90 ... +170	1/5	Hg	415	50	1	6.233 878
+48 ... +102	1/5	Hg	390	100	1	6.241 039
+98 ... +152	1/5	Hg	390	100	1	6.241 037
+48,6 ... +51,4	1/20	Hg	300	300	1	6.226 568

All listed items can be delivered with official calibration, works calibration certificate and DKD-calibration certificate. Prices on request.

2


2 Support Labo-Clip

Amarell

Stable support for clamping test tubes, thermometers, pH electrodes and other laboratory instruments onto laboratory containers (e.g. beakers). Extensive chemical resistance, with strong flexible foam rubber plate perforated with 5 apertures of varying diameters. Metal components are corrosion-resistant. Applicable from -40°C to +120°C.

Type	PK	Cat. No.
Labo-Clip	1	9.234 990

1 LLG-metallic protection cases



For all common glass thermometers.

For Thermometers Length mm	Overall length mm	Material	PK	Cat. No.
200	225	Brass	1	9.236 900
220	245	Brass	1	9.236 909
250	275	Brass	1	9.236 901
280	305	Brass	1	9.236 910
300	325	Brass	1	9.236 902
320	345	Brass	1	9.236 911
340	365	Brass	1	9.236 903
360	385	Brass	1	9.236 912
380	405	Brass	1	9.236 904
400	425	Brass	1	9.236 905
420	445	Brass	1	9.236 913
450	475	Brass	1	9.236 906
480	505	Brass	1	9.236 907
500	525	Brass	1	9.236 914
550	575	Brass	1	9.236 908
200	225	Stainless steel	1	9.236 920
250	275	Stainless steel	1	9.236 921
280	305	Stainless steel	1	9.236 923
300	325	Stainless steel	1	9.236 922

1



2 LLG-Exact-Temp thermometers

For monitoring critical temperature conditions in

- deep freezers
- refrigerators
- cold rooms
- blood bank refrigerators
- incubators
- warming chambers

Characteristics:

- thermometer certifiable to National Standards
- supplied with works test certificate
- thermometer stem safely encapsulated in PTFE
- each thermometer is mounted in a square-shaped shatter-proof plastic bottle filled with a liquid to ensure accurate readings despite the opening and closing of instrument doors.
- each thermometer has an individual serial number.

2



LLG-Exact-Temp Standard thermometers, red spirit-filled

For	Measuring range °C	Grad. °C	Length mm	Liquid filling	PK	Cat. No.
Freezers	-90 ... +20	1.0	145	Propylene Glycol	1	9.235 663
Refrigerators	-30 ... 0	0.5	125	Propylene Glycol	1	9.235 664
Blood banks	-5 ... +20	0.5	145	Ethylene Glycol	1	9.235 665
Coolers	-5 ... +15	0.5	125	Ethylene Glycol	1	9.235 666
Incubators	+18 ... +50	0.5	135	Ethylene Glycol	1	9.235 667
Warming rooms, ovens	+20 ... +130	1.0	135	Vermiculite	1	9.235 668
Warming rooms, ovens	+35 ... +200	1.0	145	Vermiculite	1	9.235 669

LLG-Exact-Temp Standard thermometers, mercury-filled

For	Measuring range °C	Grad. °C	Length mm	Liquid filling	PK	Cat. No.
Freezers	-30 ... 0	0.5	115	Propylene Glycol	1	9.235 670
Refrigerators	-5 ... +15	0.5	125	Ethylene Glycol	1	9.235 671
Incubators	+18 ... +50	0.5	135	Ethylene Glycol	1	9.235 672
Warming rooms, ovens	+20 ... +130	1.0	135	Vermiculite	1	9.235 673
Warming rooms, ovens	+35 ... +200	1.0	145	Vermiculite	1	9.235 674

LLG-Precision thermometers Exact-Temp, blue spirit-filled

For	Measuring range °C	Grad. °C	Length mm	Liquid filling	PK	Cat. No.
Freezers	-25 ... -5	0.1	210	Propylene Glycol	1	9.235 675
Refrigerators	-2 ... +10	0.1	180	Propylene Glycol	1	9.235 676
Blood banks	-2 ... +10	0.1	180	Ethylene Glycol	1	9.235 677
Incubators	+15 ... +30	0.1	180	Ethylene Glycol	1	9.235 678
Incubators	+25 ... +45	0.1	190	Ethylene Glycol	1	9.235 679
Warming rooms, ovens	+95 ... +115	0.1	200	Vermiculite	1	9.235 680

LLG-Precision thermometers Exact-Temp, mercury-filled

For	Measuring range °C	Grad. °C	Length mm	Liquid filling	PK	Cat. No.
Cold rooms, Freezers	-25 ... -5	0.1	210	Propylene Glycol	1	9.235 681
Refrigerators	-2 ... +10	0.1	180	Propylene Glycol	1	9.235 682
Blood banks	-2 ... +10	0.1	180	Ethylene Glycol	1	9.235 683
Incubators	+15 ... +30	0.1	180	Ethylene Glycol	1	9.235 684
Incubators	+25 ... +45	0.1	190	Ethylene Glycol	1	9.235 685
Warming rooms, ovens	+95 ... +115	0.1	200	Vermiculite	1	9.235 686



1 LLG-Low temperature thermometers

Suitable for official calibration. Enclosed scale type, 8 to 9mm diameter, with translucent glass scale and Richter seal. Prismatic, uncoated measuring capillary. The -200 to +30°C thermometer has a luminous blue measuring capillary, and is pentane filled. Further thermometers are available, red toluene filled with uncoated measuring capillary. Graduated every 1°C.

Measuring range °C	Length mm	PK	Cat. No.
-50 ... +50	300	1	9.235 705
-80 ... +30	300	1	9.235 708
-100 ... +30	300	1	9.235 710
-200 ... +30	300	1	9.235 720

2



2 LLG-Pocket thermometers

Complete with case.
Graduations 1°C, length 140mm, immersion depth total.

NEW!

Measuring range °C	Form	Capillary	Charge colour	PK	Cat. No.
-38 ... +50	enclosed scale	transparent, prismatic	red	1	9.236 740
-10 ... +50	enclosed scale	transparent, prismatic	red	1	9.236 741
-10 ... +100	enclosed scale	transparent, prismatic	red	1	9.236 742
-38 ... +50	enclosed scale	transparent, prismatic	blue	1	9.236 743
-10 ... +50	enclosed scale	transparent, prismatic	blue	1	9.236 750
-10 ... +100	enclosed scale	transparent, prismatic	blue	1	9.236 751
-38 ... +50	stem form	white enameled, prismatic	red	1	9.236 752
-10 ... +50	stem form	white enameled, prismatic	red	1	9.236 753
-10 ... +100	stem form	white enameled, prismatic	red	1	9.236 754
-38 ... +50	stem form	white enameled, prismatic	blue	1	9.236 755
-10 ... +50	stem form	white enameled, prismatic	blue	1	9.236 756
-10 ... +100	stem form	white enameled, prismatic	blue	1	9.236 757

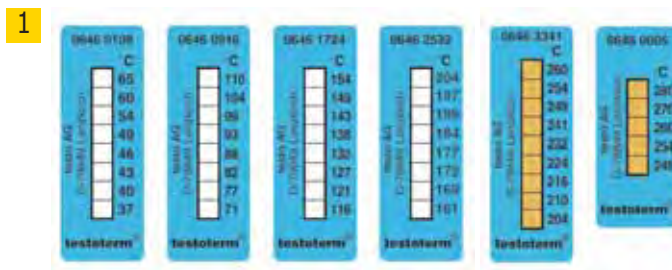
3. Analytical measurement and testing Thermometers/Laboratory thermometers

1 8-step irreversible temperature strips

Thermax strips, 8-step. 5 types cover the measuring range +37 to +280°C, each strip displays 8 different temperatures. Each strip measures 50 x 18mm.

Testo

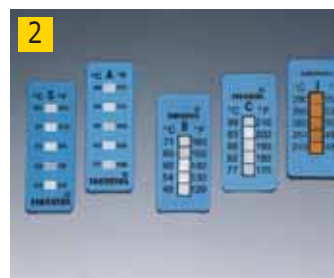
Type	Measuring range °C	Description	PK	Cat. No.
06460108	+37 ... +65	8 temperature changing points	10	9.246 002
06460916	+71 ... +110	8 temperature changing points	10	9.246 003
06461724	+116 ... +154	8 temperature changing points	10	9.246 004
06462532	+161 ... +204	8 temperature changing points	10	9.246 005
06463341	+204 ... +260	8 temperature changing points	10	9.246 006



2 5-step irreversible temperature strips

5-step irreversible temperature measuring strips covering the temperature range 29 to 290°C. Each strip measures 35 x 15mm.

Type	Measuring range °C	PK	Cat. No.
S	+29 ... +40	10	9.246 310
A	+37 ... +46	10	9.246 311
B	+49 ... +71	10	9.246 312
C	+77 ... +99	10	9.246 313
D	+104 ... +127	10	9.246 314
E	+132 ... +154	10	9.246 315
F	+160 ... +182	10	9.246 316
G	+188 ... +210	10	9.246 317
H	+ 216 ... +249	10	9.246 318
I	+249 ... +290	10	9.246 319



3 Refrigerator thermometer

Plastic, with loop or hook clip mountings. Measuring range -40 to +40°C. Graduated every 1°C. Dimensions (L x dia.) 185 x 20mm.

Type	PK	Cat. No.
Refrigerator thermometer	1	9.242 340



4 Maxima-Minima-Thermometer

- ivory plastic
- beige
- with push button
- mercury-free

TFA Dostmann

Dimensions: 230 x 60mm
Weight: 120g

Type	PK	Cat. No.
Maxima-Minima-Thermometer	1	9.241 134



Thermometers/Laboratory thermometers



1 Maximum/Minimum Indoor/outdoor thermometer

Optimal for controlling of refrigerator and freezer temperature.
 - 50 to +70°C in 0.1°C. External remote sensor cable, length 3m, with stand and accessories for wall mounting. Dimensions: approx. 80 x 55 x 20mm, with battery.

Amarell

Official calibration certificate with one or two test points available on request.

Type	PK	Cat. No.
Maximum/Minimum indoor/outdoor thermometer	1	9.235 120



2 Digital Maxima-Minima-Thermometer

Digital thermometer, wall hanging, for indoor or outdoor use. With blue, splash-proof casing, selectable °C/°F ranges and battery.

TFA Dostmann

weight: 161g

Measuring range °C	Width mm	Depth mm	Height mm	PK	Cat. No.
-50 ... +70	75	44	115	1	9.241 131



3 Laboratory Max./Min. thermometer

Display of current, highest and lowest temperature, hold function, alarm at freely adjustable temperature values (upper/lower limit), measuring range -50 to +70°C, accuracy ±0.5°C at -20 to +25°C, otherwise ±1°C, selectable °C/°F readout. Supplied with table stand and magnet, probe with 3m cable and 3V Lithium CR2032 button cell.

Type	PK	Cat. No.
Laboratory Max./Min. thermometer	1	9.851 022



4 Thermometer Checkfridge

- specially designed to monitor the internal temperature of freezers and refrigeration units
- magnetic backing provides an easy way to attach the thermometer to all metal refrigerators and freezers
- the sensor with 1 metre cable can be easily placed within the freezer/fridge cabinet
- Very high accuracy
- The unique Cal Check Function enables the user to check the internal electronics of the thermometer

Hanna

Specifications:

Measuring range: -50 to +150°C
 Accuracy: ±0.3°C (-50 to +90°C)
 Probe: 40 x 5mm, with 1 metre cable
 Battery type: 1 x 1.5V
 Weight: 100g

Type	PK	Cat. No.
Checkfridge	1	9.851 098

3. Analytical measurement and testing Thermometers/Contact, Insertion thermometers

1 Thermometer Pocket-Digitemp

Waterproof instrument in plastic housing (food-grade).
Low budget, durable instrument for measuring temperature in air, gas, liquid and platical substances.

Range of applications: Food (HACCP), industry, agriculture and hobby.
Features: waterproof, 1-second measuring frequency, Max-Min-Hold function, °C/°F-selectable.

Sensor: NTC
Measuring range: -40°C to +200°C
Resolution: 0.1°C
Accuracy: ±0.8°C (at 0°C to 100°C) others 1.5°C
Dimensions: 202 x 20 x 16mm (long version)
150 x 20 x 16mm (short version)
Probe dimensions: 126 x 3.5mm (long version)
75 x 3.5mm (short version)
Weight: 40g

Type	PK	Cat. No.
short version	1	9.851 028
long version	1	9.851 029



1

2 LLG-Digital pocket thermometer Type 12090

NEW!

Waterproof. Measuring range -50 to +150°C/-58 to +302°F, accuracy ±1°C. With hold function.
Probe made of stainless steel, 85 x 3.5mm, with protective plastic sleeve, with battery 1 x 1.5V (LR44).
Dimensions (L x W): 185 x 30mm.

Type	PK	Cat. No.
LLG-Digital pocket thermometer Type 12090	1	9.236 707



2

3 LLG-Digital pocket thermometer Type 12080

NEW!

Waterproof. Measuring range -50 to +300°C/-58 to +572°F, accuracy ±1°C until 150°C, above ±2°C. With hold function and Max/Min function. Probe made of stainless steel, 85 x 3.5mm, with protective plastic sleeve, with battery 1 x 1.5V (LR44). Dimensions (L x W): 195 x 50mm.

Type	PK	Cat. No.
LLG-Digital pocket thermometer Type 12080	1	9.236 703



3

4 LLG-Digital pocket thermometer Type 12060

NEW!

Measuring range -50 to +150°C, accuracy ±1°C. With hold function. Probe made of stainless steel, 125 x 3.5mm, with protective plastic sleeve and clip, with battery 1 x 1.5V (LR44). Dimensions (L x W): 60 x 20mm.

Type	PK	Cat. No.
LLG-Digital pocket thermometer Type 12060	1	9.236 701



4

5 Mini-Thermometer

Dipping/penetration thermometer for measuring the temperature in air, soft or powdery materials and liquids.

Testo

Specifications
Measuring range: -50 to +250°C
Accuracy (±1 Digit): ±1°C (-10 to +99.9°C)
±2% of measurement value (+100 to +199.9°C)
±3% of measurement value (+200 to +250°C)
Readability: 0.1°C (-19.9 to +199.9°C)
1°C (remaining range)
Operating range: -10 to +50°C
Batterie: Coin cell battery LR44, 1.5 volt

Description	PK	Cat. No.
Coin cell battery LR44, 1.5 volt	2	9.012 932
Mini-Thermometer	1	9.243 141



5

Thermometers/Contact, Insertion thermometers

1



1 Digital hand held thermometer Type 12010

NEW!

Measuring range -50 bis +150°C, accuracy ±1°C. With hold function. Penetration probe 105 x 3.5mm. With battery 1 x 1.5V (LR44). Dimensions (L x W): 75 x 40mm.

Type	PK	Cat. No.
Digital hand held thermometer Type 12010	1	9.236 700

2



2 Digital hand held thermometer Type 12100

NEW!

Waterproof. Measuring range -50 to +150°C/-58 to +302°F, accuracy ±1°C until 150°C above ±2°C. With hold function and Max/Min function. Memory capacity 10. Penetration probe made from stainless steel, 130 x 3.5mm with 1m cabel and handle. With battery 1 x 1.5V "AAA". Dimensions (L x W): 180 x 85mm.

Type	PK	Cat. No.
Digital hand held thermometer Type 12100	1	9.236 704

3



3 Digital hand held thermometer Type 12200

NEW!

Waterproof. Measuring range -50 to +300°C/-58 to +572°F, accuracy ±1°C until 150°C above ±2°C, accuracy ±1°C. With hold function and Max/Min function. Penetration probe made of stainless steel, 140 x 3.5mm with 1m cabel and handle. With battery 1 x 1.5V "AAA". Dimensions (L x W): 140 x 75mm.

Type	PK	Cat. No.
Digital hand held thermometer Type 12200	1	9.236 705

4



9.236 708

Hand held thermometer Type 12300

NEW!

Suitable for all probes Type K (NiCr-Ni). Measuring range -200 to +1370°C/-328 to +2498°F. With hold and Max/Min function and 10 values memory function. With temperature limit alarm function, integrated display light and holster. With battery 1 x 1.5V "AAA". Dimensions (L x W): 200 x 85mm. Accuracy: ±1°C from -49°C to +740°C.

Probe (9.236 709) - please order separately.

Type	PK	Cat. No.
Hand held thermometer Type 12300, without sensor	1	9.236 708 4
mineral-insulated thermocouple 1 x NiCr-Ni type K acc. to DIN EN 60584 class 1	1	9.236 709 5

5



9.236 709

3. Analytical measurement and testing Thermometers/Contact, Insertion thermometers

1 Food and frozen goods thermometers

For measurements according to the EU Directive concerning the control of foodstuffs (HACCP). Waterproof, IP65 protection level, can be rinsed. With battery.

Testo

Type 105. One-handed, penetration thermometer.

Sensor (Dia. x L): 5 x 100mm
 Measuring tip dia.: 3.5mm
 Accuracy: -20 to +100°C: ±0.5°C
 rest of range: ±1°C.

Type	Measuring range °C	PK	Cat. No.
105	-50 ... +275	1	9.718 002



2 Digital thermometer, Checktemp X

With very high measurement accuracy of ±0.3°C (-20 to +90°C) and integral stainless steel insertion probe. Equipped with the unique "Checkcal" function which tests internal instrument electronics when the Checktemp is switched on.

Hanna

Range: -50 to +150°C
 Resolution: 0.1°C
 Accuracy: ±0.3°C (-20 to 90°C)
 ±0.5°C (rest of range)
 Overall L x W x H: 170 x 50 x 25mm
 Probe L x dia.: 105 x 3mm
 Weight: 100g

Type	PK	Cat. No.
Checktemp C	1	9.950 179



3 Core thermometer Testo 106

Ideal for quick, simple core temperature measurements in various fields, e.g. restaurants, hotels, service kitchens, supermarkets etc. Wide measurement range and highly accurate. With Auto-Hold function for final reading. Includes sensor protection cap and battery. Calibration certificate on request.

Testo

The testo 106-T1 kit also contains a TopSafe protective case and a holster clip for belt or wall.

Specifications

Temperature range (°C): -50 to +275
 Accuracy ±1 digit (°C): ±1% of measurement value (+100 to +275)
 ±0.5 (-30 to +99.9)
 ±1 (-50 to -30.1)
 Resolution (°C): 0.1
 Battery type: Lithium (CR2032)

Type	PK	Cat. No.
Testo 106	1	9.718 208
Testo 106-T1 Kit	1	9.718 209
TopSafe protective sleeve (IP67)	1	9.718 232



Thermometers/Contact, Insertion thermometers

1



1 Digital thermometer Checktemp 1 C

With very high measurement accuracy of $\pm 0.3^{\circ}\text{C}$ (-20 to $+90^{\circ}\text{C}$) and integral stainless steel insertion probe with handle and 1 metre cable, ensuring flexibility in use. Equipped with the unique "Checkcal" function which tests internal instrument electronics when the Checktemp 1 is switched on. Hanna

Specifications

Range:	-50 to $+150^{\circ}\text{C}$
Resolution:	0.1°C
Accuracy:	$\pm 0.3^{\circ}\text{C}$ (-20 to 90°C) $\pm 0.5^{\circ}\text{C}$ (rest of range)
Overall L x W x H:	170 x 50 x 25mm
Probe length L x dia.:	106 x 3mm
Weight:	80g

Type	PK	Cat. No.
Checktemp 1 C	1	9.950 180

2



2 Digital thermometer ama-digit ad 14 th

Temperature range: -35 to $+500^{\circ}\text{C}$, resolution 1°C . Rapid response and ergonomic design. Dimensions (WxDxH) 90 x 60 x 25mm. With stainless steel probe (L x dia.) approx. 100 x 2.5mm. With battery. Amarell

Type	PK	Cat. No.
ama-digit ad 14 th	1	9.243 100

3



3 Digital thermometer ama-digit ad 15 th

Color back (available in 4 additional colors) Range: -40 to $+120^{\circ}\text{C}$, resolution 0.1°C . Precise and cost-effective. Dimensions (WxDxH) 90 x 60 x 25mm. With stainless steel probe approx. 30 x 2.5mm (L x dia). With battery. Amarell

Type	PK	Cat. No.
ama-digit ad 15 th	1	9.243 101

4



4 Digital thermometer ama-digit ad 20 th

Temperature range: -50 to $+300^{\circ}\text{C}$. Resolution 0.1°C from -50 to $+180^{\circ}\text{C}$, 1°C for the rest of the range. Dimensions (WxDxH) 90 x 60 x 25mm. With battery. For appropriate temperature probes see order no. 9.243 111 to 114. Amarell

Type	PK	Cat. No.
ama-digit ad 20 th	1	9.243 102

3. Analytical measurement and testing Thermometers/Contact, Insertion thermometers

1 Temperature probes, Pt100 for ama-digit ad 20 th

Class A. Stainless steel sheathed probe, approx. 105 x 3mm L x dia.
With handle and approx. 1m cable.

Amarell

Type	PK	Cat. No.
Pt100 immersion probe	1	9.243 111
Pt100 penetration probe	1	9.243 112
Pt100 surface probe	1	9.243 113
Pt100 air probe	1	9.243 114

1



Thermometers TFN-Series

1- or 2-Channel thermometers for use with thermocouples (Type K, J, T, E)
TFN 520/TFN 520 SMP/TFN 530/TFN 530 SMP

ebro

Ex-proof versions also available!

Applications:

Heating/Air-conditioning, ventilation/Air, gases, fluids/Surface temperature/Plastic materials/Laboratories

Attributes:

- Robust and impact resistant
- Min/Max, Hold facility
- °C/°F selectable
- Battery charge status indicator
- Changeable battery
- Factory calibration certificate

Measuring range Type K	-200 to +1200°C
Measuring range Type J	-100 to +800°C
Measuring range Type T	-50 to +300°C
Measuring range Type E	-100 to +600°C
Accuracy at +25°C, Type K	±0.3°C (-100 to +250°C)
Accuracy at +25°C, Type J	±0.3°C (-50 to +190°C)
Accuracy at +25°C, Type T	±0.3°C (-50 to +220°C)
Accuracy at +25°C, Type E	±0.3°C (-50 to +150°C)
	±0.5 % for remaining range
Resolution Type K	0.1°C (-200 to +250°C)
Resolution Type J	0.1°C (-100 to +190°C)
Resolution Type T	0.1°C (-50 to +220°C)
Resolution Type E	0.1°C (-100 to +150°C)
	1°C for remaining range
Protection class:	IP 67 (TFN 520/TFN 530); IP 40 (TFN 520 SMP/TFN 530 SMP)
Dimensions:	115 x 54 x 22mm
Housing:	ABS
Weight:	approx. 90g
Sensor:	external; thermocouple Type K, J, T, E
Sensor connection:	LEMO (TFN 520/TFN 530); SMP (TFN 520 SMP/TFN 530 SMP)
Number of channels:	1 (TFN 520/TFN 520 SMP); 2 (TFN 530/TFN 530 SMP)
Battery:	Lithium, 3 V; battery life approx. 5 years
Measuring rate:	0.5 to 15 secs.

2



9.908 061

3



9.908 063

Type	Description	PK	Cat. No.
TFN 520	Thermometer (Lemo connection)	1	9.908 060
TFN 520-SMP	Thermometer (SMP Connection)	1	9.908 061
TFN 530	Thermometer (Lemo Connection)	1	9.908 062
TFN 530-SMP	Thermometer (SMP Connection)	1	9.908 063
TPN 211	Penetration probe, SMP	1	9.908 064
TPN 341	Paddle probe, SMP	1	9.908 065
TPN 140	Rod probe, 3mm dia., 185mm length, Lemo	1	9.908 066
TPN 360	Surface probe up to 500°C, 15mm dia., 30mm length, 1m silicone cable, Lemo	1	9.908 067
TPN 230	Penetration probe up to 500°C, 2.1mm dia., 100mm length, silicone cable, Lemo	1	9.908 068

Thermometers/Contact, Insertion thermometers

1



6.231 995

2



6.230 658

Core Thermometer TTX 100/110

NEW!

ebro

- according DIN EN 13485
- fast measurement
- robust and impact resistant, replaceable battery
- factory calibration certificate

Specifications

Measuring range:	-50 to +350°C
Accuracy:	±0.8°C or ±0.8%, with the bigger value being applicable
Resolution:	0.1°C from -60°C to + 199°C and 1°C, for the remaining measuring range
Housing material:	ABS
Operating temperature:	-20°C to +50°C
Storage temperature:	-30°C to +70°C
Reaction time (90%):	5s
Dimensions:	90x 42 x 17mm
Battery life:	typical 100 h with uninterrupted use
Battery:	CR 2032, replaceable
Cable for TTX 100:	Blue silicone cable, 4mm, length 600mm, temperature resistant from -33 to + 200°C
Protection class:	IP 55

Type	Description	PK	Cat. No.
TTX 100	with fixed probe	1	6.231 995 1
TTX 110	without fixed probe	1	6.230 658 2

3



3 Electronic digital thermometer ad 1700 th

NEW!

Amarell

Range: -200 to +1200°C, switchable from 0.1°C to 0.01°C, accuracy ±0.02°C from -20 to +200°C, with 2 connection possibilities for one Pt 100 probe and one Type K/NiCr-Ni probe, hold function, maxima/minima function, possibility of memory for 200 data sets, casing 200 x 68 x 35mm, in robust case. Device without immersion probe.

Type	PK	Cat. No.
Electronic digital thermometer ad 1700 th	1	9.242 990
Serial interface RS 232	1	9.242 991
Software with PC connection cable	1	9.242 992
9V mains adaptor	1	9.242 993

4



4 Immersion probe for thermometer ad 1700 th

NEW!

Amarell

Stainless steel. With handle and 1m PVC cable.

Type	Description	Dimensions mm	Measuring range °C	PK	Cat. No.
Pt100	class B	150 x 3	-200 to +750	1	9.242 994
Pt100	class B*	150 x 3	-200 to +650	1	9.242 995
Type K	NiCr-Ni	200 x 3	-200 to +1150	1	9.242 996

* precalibrated at 0°C and +50°C

3. Analytical measurement and testing Thermometers/Contact, Insertion thermometers

1 Temperature meter, digital, testo 922/925

Without probe. **With battery and calibration protocol.**
For °C, °F, °K. Hold function and battery display.

Testo

Model testo 925:

Economical. Very robust. With 1 measuring input.

Model testo 922:

With 2 measuring inputs.

Measuring range: -50 to +1000°C
Sensor: Type K (NiCr-Ni)
Accuracy: -40 to +900°C : ±0.5°C, ±0.3%
remaining range: ±0.7°C, 0.5%
Battery: 9V, 6F22

Type	PK	Cat. No.
testo 925	1	9.851 324
testo 922	1	9.851 325



Digital thermometers, testo 925 /922, accessory probes

- Waterproof immersion/penetration probe
- Precise, watertight food probe, stainless steel, resistant to cleaning by aggressive materials and oven-proof up to 205°C
- Precise and rapid, waterproof immersion probe
- Rapid reaction surface probe
- Robust food penetration probe with special handle
- Robust, economical, air probe

Testo

Description	PK	Cat. No.
Immersion / penetration probe	1	9.718 200
Stainless steel food probe	1	9.718 201
Immersion probe	1	9.718 202
Surface probe	1	9.718 222
Penetration food probe	1	9.718 203
Air probe	1	9.718 230

Accessories for temperature meters testo 925/922

Testo

Type	For	PK	Cat. No.
TopSafe testo 925	protective cover against impact and dust	1	9.718 011
TopSafe testo 922	protective cover against impact and dust	1	9.718 020

Digital thermometers testo 110/112

For use with accessory NTC sensor probes. For control measurements in the food industry and laboratories. Features: switchable °C readout, with Hold function, low battery indicator and battery saving automatic switch-off after a period without use.

Testo

With battery and calibration certificate.

Accuracy testo 110:

System accuracy using immersion/penetration probes.
-20 to +80°C : ±0.2°C, ±0.3°C: rest of range

Model testo 112:

Suitable for verification use between -50 to +120°C.
Accuracy in accordance with notified requirements, with internal temperature monitoring.

Battery: 9V, 6F22

Type	Measuring range °C	PK	Cat. No.
testo 110	-50 ... +150	1	9.851 300 2
testo 112	-50 ... +300	1	9.851 299 3



9.851 300

9.851 299

Digital thermometers testo 110/112, accessories

Testo

For	Type	Dia. mm	Length mm	Measuring range °C	PK	Cat. No.
testo 110	TopSafe (IP68 protective boot)			-	1	9.718 020
testo 112	TopSafe (IP68 protective boot)			-	1	9.718 011
testo 110	NTC immersion/penetration probe	4	110	-50 ... +150	1	9.851 716
testo 110	NTC laboratory probe, glass sheathed	6	200	-50 ... +150	1	9.851 717
testo 110	NTC surface probe, with widened measuring tip	5	115	-50 ... +150	1	9.851 720
testo 110	NTC air probe, robust	5	115	-50 ... +125	1	9.851 723
testo 112	NTC food probe, appropriate for verification	4	124	-25 ... +120	1	9.851 315
testo 112	NTC immersion/penetration probe, appropriate for verification	5	115	-25 ... +120	1	9.851 348
testo 112	NTC air probe, appropriate for verification	5	115	-25 ... +120	1	9.851 349
testo 110	Robust food penetration probe with special handle	5	115	-25 ... +150	1	9.851 352



1 Temperature Probe Lemo-Compact Pt100

Temperature probe with integral Lemo-connector. Particularly useful for measuring temperature in aggressive media (temperature range: -200°C to +250°C). The temperature element is located in a stainless steel core which is entirely sealed in a solid and seamless PTFE coating. This provides high chemical resistance and rigidity, however, the probe can be bent manually to the desired shape. The tip of the probe is narrower (6mm dia.) for faster measurement response. Connector: 1 x Lemo, size 1, connector with 4 cores. The connector is situated directly at the end of the probe so that it can be used for further applications without removing any cables.

BOLA

Dia. mm	Length mm	Effective length mm	PK	Cat. No.
8	170	100	1	9.243 221
8	370	300	1	9.243 222
8	470	400	1	9.243 223
8	570	500	1	9.243 224



2 Double Temperature Probe PT 100 Lemo Compact

Temperature probe with two independent temperature elements and two Lemo-connectors. Particularly useful for parallel evaluation of values measured in aggressive media (temperature range: -200°C to +250°C). The temperature elements are located in a stainless steel core which is entirely sealed in a solid and seamless PTFE coating. This provides high chemical resistance and rigidity, however, the probe can be bent manually to the desired shape. The tip of the probe is smaller (6mm dia.) for faster measurement response. 2 x Lemo size 1 connectors, with 4 cores. Both connectors are situated directly at the end of the probe. It can easily be used for further applications without removing any cables.

BOLA

Dia. mm	Length mm	Effective length mm	PK	Cat. No.
8	400	300	1	9.243 226
8	500	400	1	9.243 227
8	600	500	1	9.243 228

1 Infrared-Thermometer TFI 220

NEW!

1

Applications:

- Non-contact temperature measurement via infrared
- Incoming goods inspection

Attributes:

- Fast measurement
- Optics D:S = 12:1
- Factory calibration certificate
- Laser pointer
- Exchangeable battery
- Two fixed emissivity factors for goods and storage

Specifications

Measuring range:	-35°C to +365°C
Accuracy:	±2.5°C or 2.5% (larger value applies)
Resolution:	0.2°C
Operating temperature:	0°C to +50°C
Reaction time:	1s
Emissivity factor:	0.95 or 0.7
Optics:	12:1
Battery:	AAA 1.5V
Battery life time:	14h by uninterrupted use
Housing material:	ABS
Dimensions:	148 x 112 x 41mm
Weight:	145g with batteries
Protection class:	IP 20
Certificate:	Factory calibration certificate

Type	PK	Cat. No.
TFI 220	1	9.908 097

incl. factory calibration certificate

ebro



2 Infra-red thermometer ScanTemp 385

NEW!

2

With IR thermometers you can measure surface temperature. A short response time and non-contact measurement are key advantages.

Ideal for monitoring applications such as:

- moving parts (running paper webs...)
- registering the surface temperature of gears and motors
- checking live electrical parts (components, transformers...)
- newly coated or painted parts
- food and corrosive substances

Specifications

Temperature range:	-35°C to +365°C
Precision:	±2% or 2°C, the higher value counts
Response time:	< 1 sec
Spectral sensitivity:	6 to 14µm
Operating temperature:	0 to 50°C
Optical resolution:	12:1
Laser:	Spot laser
Dimensions (L x W x H):	147.9 x 112.6 x 41.4mm
Weight:	150g (incl. packaging)
Battery:	2 x 1.5V AAA Batteries

Type	PK	Cat. No.
ScanTemp 385	1	9.851 996



Thermometers/Contact, Insertion thermometers

1



1 Infra-red thermometer ScanTemp 410

Infra-red thermometer with laser aiming. For quick, easy and safe measurement of surface temperatures. Easy to use: just point, press the button and read the measurement from the large, illuminated display.

Specifications

Temperature range:	-33°C to 500°C
Precision:	±2 % of measurement or 2°C
Response time:	0.5 secs.
Spectral sensitivity:	7 to 18µm
Operating temperature:	0 to 50°C
Optical resolution:	11:1
Laser:	Spot laser
Dimensions (L x W x H):	175 x 39 x 79mm
Weight:	300g (incl. packaging)
Battery:	2 x 1.5V AAA Batteries

Type	PK	Cat. No.
ScanTemp 410	1	9.851 919

2



2 Infrared thermometer, DualTemp Pro, with penetration probe

For simple, rapid, non-contact, temperature measurement.

- dual display
- wide measurement ranges:
 - infra-red: -33 to +220°C
 - conventional penetration probe: -55 to + 220°C
- measuring spot: distance ratio 3:1
- Max./ Min., Hold functions
- auto-off after 15 secs.
- belt-clip included
- accessories: certificate of calibration & pilot drill for taking measurements from frozen items

Resolution of display:	0.1°C
Accuracy (IR):	±2% or 2°C, whichever is largest
Accuracy (penetration probe):	±1% or ±1°C
Spectral sensitivity:	6 to 14µm
Adjustable emissivity:	0.10 to 1.00
Operating temperature:	0 to 50°C
Battery:	Lithium cell CR2032
Dimensions:	24.2 x 39.8 x 156mm
Weight:	380g (incl. packaging)

Type	PK	Cat. No.
DualTemp Pro	1	9.851 023



1 Infrared thermometers, ProScan series

- highest precision due to special glass lens (spot size up to a distance of 14 cm: 1.3 cm constant), measuring time: 0.3 seconds
- relation measuring distance/spot size 20:1 (ProScan 510)/ 40:1 (ProScan 520)
- display of current, highest and lowest temperature, hold function, alarm at freely adjustable temperature values (upper/ lower limit),
- with laser sighting, for contact-free measuring of surface temperature
- adjustable visual and acoustic alarm
- ProScan 520: incl. thermocouple sensor type K, USB interface and Windows software.

Accuracy:	±1.0% of measured value or ±1°C, larger value applies
Reproducibility:	±0.5% of measured value or ±1°C, larger value applies
Time:	300ms
Spectral sensitivity:	8 to 14µm
Display resolution:	0.1°C (4-digit LCD)
Working temperature range:	0 to 50°C
Voltage supply:	9 V PP3 battery
Dimensions L x W x H:	190 x 38 x 45mm
Weight:	500g (incl. packaging)
Dot laser	

Type	Temp. range °C	Emissivity	Optical resolution	PK	Cat. No.
ProScan 510	-32 ... +530	0.100 - 1.000	20 : 1	1	9.851 928
ProScan 520	-32 ... +760	0.100 - 1.500	40 : 1	1	9.851 929

1



Infra-red thermometers, testo 830 series

Testo 830-T1

Infra-red thermometer with 1-point laser sighting, adjustable limit values and alarm function

Testo

Testo 830-T2

Infra-red thermometer with 2-point laser sighting, adjustable limit values, alarm function and connection of external probes

Testo 830-T2 Set

Infra-red thermometer testo 830-T2 incl. surface sensor and protective leather case.

Testo 830-T3

IR temperature meter with close focus optics, incl. 2-point laser sighting, adjustable limit values, alarm function and alternative contact sensor probe socket, incl. battery

Technical Specifications

Accuracy:	±1 digit at +23°C ambient temperature
Testo 830-T1/T2:	±1.5°C or 1.5% of meas. value (+0.1 to +400°C) ±2°C or ±2% of meas. value (-30 to 0°C)
Testo 830-T3:	±1°C (-20 to +100°C) ±2°C or ±2% of meas. value (remaining range)
Resolution:	0.5°C
Operating Temperature:	-20 to + 50°C
Storage Temperature:	-40 to +70°C
Weight:	200g
Battery type:	9V PP3 battery

Type	Measuring range °C	PK	Cat. No.
testo 830-T1	-30 ... +400	1	9.718 413
testo 830-T2	-30 ... +400	1	9.718 414
testo 830-T2 Set	-30 ... +400	1	9.718 417
testo 830-T3	-25 ... +400	1	9.718 416

2



9.718 413

3



9.718 414

Protective leather case for Infra-red thermometer testo 830-T1/-T2/-T3

Testo

Description	PK	Cat. No.
Protective case, incl. belt holder	1	9.718 409

Thermometers/Temperature meters

1



1 High Precision Thermometer Physics 1000

Schneider

The Physics 1000 high precision digital thermometer provides excellent resolution, precision and linearity for mains-independent, temperature measurements in quality assurance, process monitoring and product control applications. Primary work areas of Physics 1000 are within the chemical and pharmaceutical industries, food industry, as well as research and development.

- 1 output channel for digital interfaces
- high resolution A/D converter. 24bit, 2.5 Mbit/s
- easy operation via 4 soft keys and cursor
- measuring menu: 2 values and difference indication
- measuring functions: zero setting, hold
- multipoint calibration for highest accuracy
- functions: max/min value, 100 result memory
- sensor programming: dimension, resolution, hold, comment
- device configuration: device designation, display contrast and illumination time, baud rate
- language selection: german, english, french
- DKD Calibraton Certificate optional

Specifications

Measuring inputs:	2 input channels
Galv. disconnect.:	Semiconductor relay (50V)
Sensor function:	Pt100 (current of probe: 1mA)
Range:	-200°C to +400°C
Resolution:	0.001K
Self calibration:	Zero point, measuring current
Accuracy:	0.01% of value ±3 digit
Temperature drift:	0.003%/°C
Temperature units:	°C, °F, K
Output:	1 plug for interface cable
Display:	128 x 64 pixel, 8 lines
Display illumination:	2 white LED´s
Memory intern:	100 values
Battery operation:	3 x 1.5V AA Alkaline
Current consumption	
without illumination:	20mA
with illumination:	40mA
Mains adapter:	230V a.c./12V d.c., 200mA /40mA
Dimensions (L x W x H):	127 x 83 x 42mm
Weight housing:	290g
Material housing:	ABS (max. 70°C)
Protection class, DIN EN 60529:	IP54

Type	Probe type	Temp. range °C	PK	Cat. No.
Physics 1000			1	9.908 040
Resistance thermometer WT-GL-303-3/6*	glass, L= 250mm, diam. 6 mm, recessed	-50 ... +310	1	9.908 041
Resistance thermometer WT-MI-303-D-30E*	metal, L= 400 mm, diam. 3 mm, continuous	-90 ... +410	1	9.908 042

*Pt100 to DIN EN 60751 class A, 4-Leiterschaltung

2 High Precision Thermometer Physics

NEW!

Sets consisting of: measuring device PHYSICS with thermocouple or sensor Pt100 (250mm, stainless steel), cable 2m USB-Data cable Adapter 12V, 200mA 3 Batteries Mignon Alkaline, Users Manual in English Software PHYSISC View DKD, calibration certificate in soild case.

Description	Measuring range °C	Resolution °C	Probe type	PK	Cat. No.
Set PHYSICS 51	-100 ... +800	0.01	Thermocouple	1	9.773 881
Set PHYSICS 300	-90 ... +350	0.01	Pt100	1	9.773 880
Set PHYSICS 1000	-50 ... +400	0.001	Pt100	1	9.773 899

2



1 Thermometers, digital, professional level, TFX 430 series

1

ebro

Applications:

- temperature monitoring
- laboratory
- air, liquids, plastic masses
- aggressive media, surfaces
- process monitoring
- reference measurement

Features:

- high accuracy
- four-wire measuring system
- waterproof IP67
- approx. 5 years battery life
- factory calibration certificate
- different probes for different applications

Specifications

Measuring range:	-100 to +500°C
Accuracy:	without probe: ±0.1°C (from -50 to +100°C); remaining measuring range: ±0.2°C with probe: ±0.05°C (from -50 to +199.99°C); remaining measuring range: ±0.2°C
Resolution:	without probe: 0.02°C (from -50.00 to +99.98°C); remaining measuring range: 0.1°C with probe: 0.01°C (from -100 to +199.99°C); remaining measuring range: 0.1°C
Operating temperature:	-20 to +50°C
Storage temperature:	-30 to +70°C
Probes:	Pt100
Measurement interval:	1 to 15 secs
Battery:	Lithium 3V, 1Ah, Type CR2477
Switch-off:	Automatically after 2 hours
Dimensions:	109 x 54 x 22mm
Weight:	approx. 90g
Protection class:	IP67
Housing material:	ABS



Type	Description	PK	Cat. No.
TFX 430	Pt100, without probe	1	9.908 075
TFX 430 + TPX 130	Pt100, with probe (length 130mm, 3mm dia., blunt)	1	9.908 076
TFX 430 + TPX 230	Pt100, with probe (length 130mm, 3mm dia., pointed)	1	9.908 077
TFX 430 + TPX 330	Pt100, with probe (length 190mm, 8mm dia., glass-coated)	1	9.908 078



Data Logger EBI-20 T1/EBI-20 TH1/EBI-20-TE1

NEW!

ebro

Applications:

- reliable temperature and temperature/humidity recording
- transport
- storage monitoring
- refrigeration areas and coldrooms

Features:

- excellent price/performance ratio
- waterproof
- visual Alarm
- max/min values on display
- stores 40.000 readings, can be read off at any time
- replaceable battery

Specifications

Measuring range temperature:	-30 to +60°C
Measuring range humidity:	0% to 100% R.H.
Accuracy, temperature:	±0.5°C (-20 to +40°C); ±0.8°C for remaining measuring range
Accuracy, humidity:	±3% R.H. (10 to 90% R.H.)
Resolution temperature:	0.1°C
Resolution humidity:	0.1% R.H.
Memory:	40.000 samples
Sensor:	NTC for temperature/capacitive for humidity
Operating temperature:	-30 to +60°C
Storage temperature:	-40 to +60°C
Measuring period:	1 minute to 24 hours
Measuring mode:	immediate loop measurement, measurement from starting point, start immediately until memory full, start/stop measuring, start when button pressed
Battery:	3V lithium (CR 2450), can be replaced by user
Protection class:	IP 67 (EBI-20 T1); IP 52 (EBI-20 TH1)
Housing :	ABS
Dimensions:	69 x 48 x 22mm
Weight:	approx. 45g

Type	Description	PK	Cat. No.
EBI-20 T1	Temperature Logger	1	9.908 069 1
EBI-20 TH1	Temperature Humidity Logger	1	9.908 070 2
EBI-20-TE1	Temperature Logger with external probe	1	6.228 382
EBI-20 T1-Set	Starter-Set (Temperature Logger, evaluation software, Interface)	1	9.908 073 3
EBI-20 TH1-Set	Starter-Set (Temperature Humidity Logger, evaluation software, Interface)	1	9.908 074
EBI-20-TE1-Set	Starter-Set (Temperature Logger with external sensor, evaluation software, Interface)	1	6.240 382
EBI-20 AUF	Wall mounting	1	9.908 079

1


9.908 069

2


9.908 070

3


9.908 073

Mini data logger testo 174T

NEW!

Testo

The mini data logger for temperature, testo 174T, is ideal for accompanying transports. Simply positioned close to the goods, e. g. in containers and refrigerated rooms, the data logger monitors temperature continuously, securely and unobtrusively. The free software ComSoft testo 174 allows fast programming of the data logger and easy analysis.

- High data integrity, even with empty battery
- Large measurement data memory
- Watertight in accordance with IP65
- Compact and robust
- Conforms to EN12830
- Issue of alarms via display
- Data transfer to the PC via USB interface
- Reliable temperature measurement for the monitoring of sensitive goods and cold chain during storage and transport

Specification

Probe type:	Internal NTC temperature sensor
Measuring range:	-30 to +70°C
Accuracy:	±0.5°C
Resolution:	0.1°C
Operating temperature:	-30 to +70°C
Storage temperature:	-40 to +70°C
Battery type:	2 x 3V button cell (2 x CR 2032 lithium), can be changed by user
Battery life:	500 days (15 min measuring cycle, +25°C)
Protection class:	IP65
Meas. cycle:	1min - 24h (can be selected)
Memory:	16.000 readings
Software:	can be used with Windows XP, Vista, Win7

Type	Description	PK	Cat. No.
testo 174T	Mini data logger, 1-channel, incl. wall bracket, battery (2 x CR 2032 Lithium) and calibration protocol	1	7.626 604 1
testo 174T set	Mini data logger, 1-channel, incl. USB interface for programming and reading out the logger, wall bracket, battery (2 x CR 2032 lithium) and calibration protocol	1	7.626 614 2

1



7.626 604

2



7.626 614