

TABLE OF CONTENTS

| | |
|---|----|
| <i>Digital Thermometers</i> | 2 |
| <i>In- and Outdoor Thermometers</i> | 14 |
| <i>Laboratory Thermometers</i> | 22 |
| <i>Rain Gauges</i> | 31 |

Digital Thermometers



Thermometer, electronic, CE

Item number:
43232

Multi-purpose thermometer, with sensor made of stainless steel and extension cable.

- LCD display
- Temperature Celsius or Fahrenheit
- Maximum and minimum display with temperature memory
- Hi-Lo alarm, programmable
- Display for low battery
- Resolution $\pm 0.1\text{ }^{\circ}\text{C}/\pm 0.18\text{ }^{\circ}\text{F}$: $-19.9\text{ }^{\circ}\text{C}/-3.82\text{ }^{\circ}\text{F}$
to $+199.9\text{ }^{\circ}\text{C}/+391.82\text{ }^{\circ}\text{F}$ (otherwise: $\pm 1\text{ }^{\circ}\text{C}/\pm 1.8\text{ }^{\circ}\text{F}$)
- Precision: $\pm 1\text{ }^{\circ}\text{C}/\pm 1.8\text{ }^{\circ}\text{F}$: $-30\text{ }^{\circ}\text{C}/-22\text{ }^{\circ}\text{F}$
to $+250\text{ }^{\circ}\text{C}/+482\text{ }^{\circ}\text{F}$, otherwise more than $\pm 2\text{ }^{\circ}\text{C}/\pm 3.6\text{ }^{\circ}\text{F}$
- Ambient temperature for plastic case:
 $-10\text{ }^{\circ}\text{C} +50\text{ }^{\circ}\text{C}/+14\text{ }^{\circ}\text{F} +122\text{ }^{\circ}\text{F}$
- Delivery incl. battery (1.5 V AAA) and directions for use

| Item No. | Range | Cable | Metal sensor |
|----------|---------------------------|------------------|--------------------|
| 43232010 | -50 +300 °C / -58 +572 °F | approx. 1 m long | approx. 13 cm long |

[» go to product \(website\)](#)



Digital thermometer mini

Item number:

43235

Light, electronic digital thermometer with temperature memory function, sensor made of stainless steel, with battery

Operating

Right switch set to "ON", left switch set to "TEST" = normal temperature display.

Left switch set to "HOLD" = current display and hold down, °C flashes.

| Item No. | Max. ambient temperature for plastic case | Range | Division | Battery life | Immersion depth | Accuracy |
|----------|---|----------------|-----------------------------|----------------|-----------------|---------------------------|
| 43235010 | -10 °C up to +50 °C | -50 °C +150 °C | 0.1 °C at -20 °C +150 °C | approx. 5000 h | approx. 60 mm | ± 1 °C for -30 +150 °C |

» [go to product \(website\)](#)



Digital pocket thermometers ThermoJack, CE

Item number:
43238

Battery-powered, with foldable insertion sensor incl. button cell 3 V

- Folding angle up to 180°
- Accuracy $\pm 0.5\text{ °C}/32.9\text{ °F}$ from $-20\text{ °C}/-4\text{ °F}$
to $+150\text{ °C}/+302\text{ °F}$ (otherwise $\pm 1\text{ °C}/33.8\text{ °F}$)
- Large display
- Temperature Celsius or Fahrenheit

The thermometer automatically switches on at a folding angle of 45°. It switches off when the sensor is folded up again. The thermometer automatically switches off after approx. 10 minutes, if the folding up of the sensor is being omitted.

Particularly handy and ideal for frequently changing work sites.

The functional thermometer is suitable for temperature measurement of fluid, pasty and semisolid mediums - also for food in accordance with HACCP and EN 13485.

| Item No. | Range | Division | Length insertion sensor |
|----------|---|---------------------------------|-------------------------|
| 43238010 | $-40\text{ °C} +250\text{ °C} / -40\text{ °F} +482\text{ °F}$ | $0.1\text{ °C}/32.18\text{ °F}$ | approx. 60 mm |

[» go to product \(website\)](#)



Temperature data logger „MicroLite“, CE

Item number:
43240

robust and watertight

Application in all areas where temperature recording is needed, e.g. food sector, transport and storage business, pharmaceutical industry etc.

Free software available (internet download).

Product features

- Adjustable interval: 1 second up to 1 hour
- Graphic and tabular presentation of measured values
- Export function for Excel
- IP 65 waterproof
- USB interface
- Hi-Lo alarm
- Case of plastic (ABS)
- with fixing

| Item No. | Range | Division | Memory capacity | Lithium battery | Display | Weight | Dimensions | Connection | Interface | Accuracy |
|----------|---|---------------------|------------------------|---------------------------|---------------------|-----------------|---------------------------------|-------------------------|------------|--------------------------|
| 43240010 | -40 °C +70 °C / -40 °F +158 °F | 0.1 °C / 0.18 °F | 150000 measurements | 1x CR2032 (3 volts) | 7 segment LCD | approx. 83 g | approx. 91,5 x 42 x 20 mm | USB standard port | USB 2.0 | ± 0.3 °C / 0.54 °F |

» [go to product \(website\)](#)



Alarm thermometers

Item number:

43242

Ergonomically formed laboratory thermometer with robust immersion probe. Perfect for measuring in liquids, semisolid material etc.

Product features:

43242020: with calibration certificate at 5 °C (41 °F)

- Display of current temperature
- protection from water jets IP 65
- Maximum and minimum temperature
- also for food industry acc. to HACCP
- Hold function
- High precision
- Big display
- acc. to EN 13485
- °C/°F switchable
- incl. probe (3m cable), stand and magnet
- Alarm at surpassing/falling below set temperature values

Technical Data:

- Accuracy: ± 0.5 °C (0.18 °F) at -20 °C ... +25 °C (-4 °F ... 77 °F), remaining range ± 1 °C (1.8 °F)
- Battery: 1x 1x CR 2032 3V lithium button cell battery

Accessories: stand, magnet, immersion probe with 3 m cable, instruction manual, battery

| Item No. | Range | Division | Weight | Dimensions |
|----------|------------------------------|----------|--------|----------------|
| 43242010 | -40 °C/°F to +70 °C (158 °F) | 0,1°C/°F | 100g | 86 x 57 x 30mm |

| Item No. | Range | Division | Weight | Dimensions |
|----------|------------------------------|----------|--------|----------------|
| 43242020 | -40 °C/°F to +70 °C (158 °F) | 0,1°C/°F | 100g | 86 x 57 x 30mm |

» [go to product \(website\)](#)



Alarm thermometers, with robust insertion probe

Item number:
43243

Ergonomically formed laboratory thermometer with robust immersion probe. Perfect for measuring in liquids, semisolid material etc.

Product features:

- Display of current temperature
- protection from water jets IP 65
- Maximum and minimum temperature
- also for food industry acc. to HACCP
- Hold function
- High precision
- Big display
- acc. to EN 13485
- °C/°F switchable
- incl. probe (3m cable), stand and magnet
- Alarm at surpassing/falling below set temperature values

Technical Data:

- Accuracy: ± 0.5 °C (0.18 °F) at -0 °C ... +50 °C (32 °F ... 122 °F) ± 1 °C (1.8 °F) at -20 °C ... 0 °C (-4 °F ... 32 °F), remaining range ± 2 °C (3.6 °F)

Accessories: stand, magnet, insertion probe with 1 m cable, instruction manual, battery
Optionally available with calibration certificate at 5 °C (41 °F)

| Item No. | Range | Division | Weight | Dimensions |
|----------|-------------------------------|----------|--------|----------------|
| 43243010 | -40 °C/°F to +200 °C (392 °F) | 0.1°C/°F | 100g | 86 x 57 x 30mm |

» [go to product \(website\)](#)



Indoors/Outdoors thermometer electronic, with official DKD calibration certificate (DAkks)

Item number:
43246

Min./Max. – Function and temperature alert
with outdoor cable approx. 3 meters, incl. button cell battery

| Item No. | Measuring range outside | Measuring range inside | Division | Accuracy |
|----------|---------------------------|--------------------------|----------|--|
| 43246010 | -50 + 70°C/-58 .. 158 ° F | 0 + 50°C/+32 .. +122 ° F | 0.1 °C | ± 1 °C/± 1.8°F in range -20 +70°C /-4 +158°F |

43246010 with test point at + 4°C/39.2 °F
43246020 test point freely selectable

» [go to product \(website\)](#)



Maximum-minimum thermometer with digital display

Item number:
43653

for indoor and outdoor, splash-proof,
measuring range -20 °C +50 °C / -4 °F +122 °F,
temperature Celsius or Fahrenheit

- present temperature / highest and lowest day temperature
- including button cell 1.5 V AAA

| Item No. | Range | Temperature | Colour |
|----------|-------------------------------|--------------------|--------|
| 43653010 | -20 °C +50 °C / -4 °F +122 °F | Celsius/Fahrenheit | green |
| 43653020 | -20 °C +50 °C / -4 °F +122 °F | Celsius/Fahrenheit | black |

[» go to product \(website\)](#)



Weather station with sensor unit, CE

Item number:
43655

Barometer (tendency), thermometer, hygrometer, radio-controlled clock, date display

Thermometer

- Range -10 °C +60 °C / +14 °F +140 °F
- Resolution 0.1 °C/32.18 °F
- °C or °F

Radio-controlled clock

- incl. 3 batteries AA 1.5 V (LR 6)

Sensor unit

- with LCD display and LED indicator
- low battery warning
- stand-up device, wall mounting
- range dependent on building structure and placement: max. 100 m from station
- incl. 2 batteries AA 1.5 V (LR 6)

| Item No. | Range | Relative humidity | Sensor unit | Station |
|----------|---|-------------------|---------------------------------|-----------------------------------|
| 43655010 | -40 °C +60 °C / -40 °F +140 °F (sensor unit) | 20 - 95 % | approx. 160 x 43 x 26 mm / 75 g | approx. 180 x 102 x 33 mm / 230 g |

» [go to product \(website\)](#)



Maximum-minimum thermometer, electronic, CE

Item number:
43656

for measuring indoor and outdoor temperatures

- present temperature/highest and lowest day temperature
- for hanging or standing
- extra thin cable for easily leading through window seals
- waterproof exterior sensor
- including battery 1.5 V AA

| Item No. | Measuring range inside | Measuring range outside | Cable |
|----------|--------------------------------|--------------------------------|------------------|
| 43656010 | -10 °C +50 °C / +14 °F +122 °F | -50 °C +70 °C / -58 °F +158 °F | approx. 3 m long |

[» go to product \(website\)](#)



Radio thermometer

Item number:
43658

Functions:

- Wireless transmission of the outdoor temperature via transmitter (max. 80 m)
- Indoor temperature and humidity display
- Permanent display of maximum and minimum values with manual reset
- Additional max/min memory with automatic reset after 24 hours
- Swiss precision sensor: humidity $\pm 3\%$ (35 ... 75%)

Scope of delivery: base station, temperature transmitter, user manual

| Item No. | Dimensions | Measuring range inside | Measuring range outside | Battery | Air humidity inside | Weight | Transmission frequency | Maximum range | Energy supply | Assembly |
|----------|------------|------------------------|-------------------------|-----------------|---------------------|--------|------------------------|---------------|---------------|----------|
| 43658010 | (L) 77 x | -10...+60°C | -40...+60°C | 1 x 1,5 V AA | 10...99% | 104 | 433MHz | 80m | batteries | for |
| | (W) 22 x | $\pm 1^\circ\text{C}$ | $\pm 1^\circ\text{C}$ | (base), 1 x 1,5 | accuracy \pm | | | | | hanging |
| | (H) 86 | (+14... | (-40...+140 | V AA | 3% | | | | | or |
| | mm | +140°F) | °F) | (transmitter) | (35...75%) | | | | | standing |

Batteries sold separately:
49290010 Alkaline AA LR 6 1.5 V

[» go to product \(website\)](#)



Temperature control

Item number:
43244010

Made of aluminum (reference body)) for constant measuring of temperature, mountable in fridges and freezers. The temperature probe can be fixed directly into the bores, thus preventing untimely alert (e.g. by opening / closing the door quickly). Suitable for probes with diameter of 3.5 mm, 4.2 mm and 5.0 mm, e.g. for Maximum-minimum thermometers no. 43656010 and solar powered 43657010.

[» go to product \(website\)](#)

In- and Outdoor Thermometers



Room thermometers, beech wood, natural varnish

Item number:
43513

with coloured filling, range -30 °C +50 °C / -22 °F +122 °F

| Item No. | Range | Length |
|----------|--------------------------------|---------------|
| 43513010 | -30 °C +50 °C / -22 °F +122 °F | approx. 20 cm |

[» go to product \(website\)](#)



Freezer-fridge thermometers, digital, CE

Item number:
43595

- according to EN 13485
- Indication of temperature with corresponding freezer-fridge symbol
- highest and lowest temperature
- switchable °C/°F
- with stand and frame for mounting on surfaces or behind glass (display fridge, vegetable drawer)

| Item No. | Range | Division | Weight | Dimensions | including battery | Accuracy |
|----------|-----------------------------------|----------------|--------------|----------------------------|------------------------|--|
| 43595010 | -30 °C +50 °C / -22 °F +122 °F | 0.1 °C/0.18 °F | approx. 65 g | approx. 72 x 91 x 13 mm | CR 2032 button cell | ± 0.8 °C at -20 °C +10 °C, otherwise ± 1 °C |

[» go to product \(website\)](#)



Freezer thermometers

Item number:
43599

with holder

| Item No. | Range |
|----------|-------------------------------|
| 43599010 | -35 °C +25 °C / -31 °F +77 °F |

» [go to product \(website\)](#)



Freezer-fridge thermometers

Item number:
43600

Cylindrical plastic case, for hanging, coloured filling,
range -40 °C +50 °C / -40 °F +122 °F

| Item No. | Range | Length |
|----------|--------------------------------|---------------|
| 43600010 | -40 °C +50 °C / -40 °F +122 °F | approx. 21 cm |

» [go to product \(website\)](#)



Window thermometers, Vienna type, fittings of metal

Item number:
43605

Blue filling, range -50 °C +50 °C

| Item No. | Range | Length |
|----------|--------------------------------|---------------|
| 43605010 | -50 °C +50 °C / -58 °F +122 °F | approx. 20 cm |

» [go to product \(website\)](#)



Sauna hygrometers

Item number:
43623

Metal, circular, range 0-100 %

| Item No. | Range | Ø |
|----------|-----------|-------|
| 43623010 | 0 - 100 % | 10 cm |

[» go to product \(website\)](#)



Maximum-minimum thermometers

Item number:
43646

Plastic case with push button magnet, environmentally friendly capillary filling, without roof, black

| Item No. | Range |
|----------|--------------------------------|
| 43646010 | -35 °C +50 °C / -31 °F +122 °F |

[» go to product \(website\)](#)



Maximum-minimum thermometers

Item number:
43647

Plastic case with push button magnet,
environmentally friendly capillary filling, with roof, beige

| Item No. | Range | Dimensions |
|----------|--------------------------------------|------------------|
| 43647010 | -35 °C to +50 °C / -31 °F to +122 °F | 85 x 45 x 232 mm |

[» go to product \(website\)](#)



Barometer station with thermometer

Item number:
43660

oak wood

consisting of:
Barometer, thermometer and hygrometer

| Item No. | Dimensions | Weight | Diameter |
|----------|-------------------|--------|----------|
| 43660010 | 110 x 36 x 272 mm | 361 g | 3x 70 mm |

[» go to product \(website\)](#)



Analogue weather station

Item number:
43662

This weather station made of stainless steel consists of a barometer, thermometer and hygrometer.

- Weather proof
- With white scales
- With attachment for hanging
- Made in Germany

Notice!

The thermometer and hygrometer are set at the factory.

The barometer must first be set to the respective local altitude before use.

The current air pressure can be obtained, for example, from the meteorological office, the Internet or an optician.

Use a small screwdriver to carefully turn the adjustment screw to the right until the pointer matches the requested value. Over-tightening must be avoided at all costs!

By lightly tapping and readjusting, an even greater accuracy is achieved.

| Item No. | Weight | Diameter | Dimensions |
|----------|--------|----------|------------------|
| 43662010 | 340 g | 3x 70 mm | 96 x 35 x 282 mm |

[» go to product \(website\)](#)

Laboratory Thermometers



Chemical laboratory thermometer, red filling

Item number:
43201

Ordinary glass, division 1 °C/1.8 °F, diameter approx. 7-8 mm
Packing: Each in a tube

Range:

| Item No. | Reference temperature |
|----------|-----------------------|
| 43201008 | 0 +50 °C / 32 +122 °F |
| 43201016 | 100 °C |
| 43201024 | 150 °C |
| 43201032 | 200 °C |
| 43201040 | 250 °C |

[» go to product \(website\)](#)



Pocket thermometers, prismatic graduated glass

Item number:
43208

in nickel case with bayonet catch and clip, red or blue filling,
division 1 °C/1.8 °F, length approx. 14 cm

| Item No. | Reference temperature | Division | Length |
|----------|---------------------------|--------------|---------------|
| 43208008 | -35 +50 °C / -31 +122 °F | 1 °C/33.8 °F | approx. 14 cm |
| 43208016 | -10 +100 °C / +14 +212 °F | 1 °C/33.8 °F | approx. 14 cm |

[» go to product \(website\)](#)



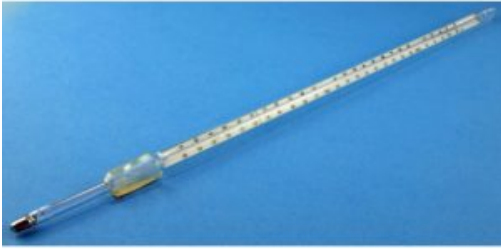
Precision thermometers

Item number:
43210

DIN 12770, ordinary glass, enclosed scale, Richter top finish with knob, suitable for official testing, red filling
Packing: Each in a tube

| Item No. | Range | Division | Length |
|----------|--------------------------------|-----------------|---------------|
| 43210001 | -10 °C +50 °C / +14 °F +122 °F | 0.5 °C / 0.9 °F | approx. 22 cm |
| 43210002 | -10 °C +50 °C / +14 °F +122 °F | 0.1 °C/0.18 °F | approx. 42 cm |
| 43210003 | -10 +100 °C / +14 +212 °F | 1 °C/1.8 °F | approx. 30 cm |
| 43210004 | -10 +100 °C / +14 +212 °F | 0.5 °C / 0.9 °F | approx. 27 cm |
| 43210005 | 0 +100 °C / 32 +212 °F | 0.1 °C/0.18 °F | approx. 55 cm |
| 43210006 | -10 +150 °C / +14 +302 °F | 1 °C/1.8 °F | approx. 30 cm |
| 43210007 | -10 +150 °C / +14 +302 °F | 0.5 °C / 0.9 °F | approx. 35 cm |
| 43210008 | -10 +200 °C / +14 +392 °F | 1 °C/1.8 °F | approx. 35 cm |
| 43210009 | -10 +200 °C / +14 +392 °F | 0.5 °C / 0.9 °F | approx. 35 cm |

[» go to product \(website\)](#)



Distillation thermometers with standard ground 14/23

Item number:
43225

DIN 12770, with red filling,
immersion length with ground 75 mm,
immersion tube diameter approx. 7 mm

| Item No. | Range | Immersion length with ground | Diameter of immersion tube |
|----------|--|------------------------------|----------------------------|
| 43225024 | -10 +150 °C: 0.5 °C / +14 +302 °F: 32.9 °F | 75 mm | approx. 7 mm |
| 43225040 | -10 +250 °C: 1 °C / +14 +482 °F: 33.8 °F | 75 mm | approx. 7 mm |

» [go to product \(website\)](#)



Clinical thermometers without mercury, CE

Item number:
43310

Classic liquid thermometer made of glass

- **can be disinfected completely** (the temperature of the cleaning solution and disinfectant must not exceed +42 °C/+107.6 °F)
- **non-toxic measuring fluid** Galinstan® (eutectic alloy consisting of gallium, indium and tin)
- **eco-friendly** - may be disposed of as domestic waste

| Item No. | Range | Tolerance |
|----------|--------------------------------|-------------------|
| 43310010 | +35 °C +42 °C/+95 °F +107.6 °F | ± 0.1 °C/32.18 °F |

» [go to product \(website\)](#)



Digital clinical thermometer with signal

Item number:
43315

Electronic, for measuring the body temperature of human and animal, with LCD display and battery LR 41
Each in plastic tube and box, with directions for use

| Item No. | Range | Measuring time | Battery life | Accuracy |
|----------|----------------------------------|-----------------------------------|-------------------|-------------------|
| 43315010 | +32 °C +42 °C/+89.6 °F +107.6 °F | approx. 1 min at room temperature | approx. 250 hours | ± 0.1 °C/32.18 °F |

[» go to product \(website\)](#)



Bath thermometers, cylindrical

Item number:
43698

Floating vertically, coloured filling, completely closed model,
shock-protected capillary

| Item No. | Range | Length |
|----------|----------------------------|---------------|
| 43698010 | 0 °C +60 °C/+32 °F +140 °F | approx. 24 cm |

[» go to product \(website\)](#)



Bath thermometers in square wooden case

Item number:

43700

with handle, paper scale, coloured filling

| Item No. | Range | Length |
|----------|------------------------------|---------------|
| 43700010 | -10 °C +50 °C/+14 °F +122 °F | approx. 25 cm |

[» go to product \(website\)](#)



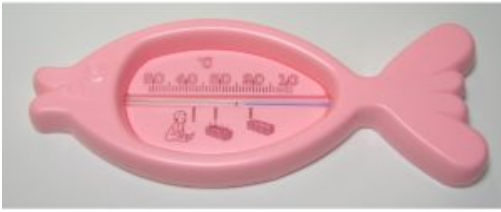
Bath thermometers in boat shape

Item number:
43711

made of plastic, assorted colours (blue, white)

| Item No. | Range | Length |
|----------|----------------------------|---------------|
| 43711010 | 0 °C +50 °C/+32 °F +122 °F | approx. 16 cm |

[» go to product \(website\)](#)



Bath thermometers in fish shape

Item number:
43720

in plastic frame, coloured filling, measuring range 0 °C/32 °F up to +50 °C/+122 °F

| Item No. | Range |
|----------|--------------------------------|
| 43720010 | 0 °C/32 °F up to +50 °C/122 °F |

[» go to product \(website\)](#)

Rain Gauges



Rain gauges

Item number:
44278

made of clear plastic, with holder for easier removing. Easily readable scale.
Each graduation mark = 1 mm (1 litre) precipitation per m²
Packing: Each in cardboard box

| Item No. | Height |
|----------|--------|
| 44278010 | 25 cm |

[» go to product \(website\)](#)

Index

A

- Alarm thermometers 5
- Alarm thermometers, with robust insertion probe 6
- Analogue weather station 20

B

- Barometer station with thermometer 19
- Bath thermometers in boat shape 28
- Bath thermometers in fish shape 29
- Bath thermometers in square wooden case 27
- Bath thermometers, cylindrical 27

C

- Chemical laboratory thermometer, red filling 21
- Clinical thermometers without mercury, CE 25

D

- Digital clinical thermometer with signal 26
- Digital pocket thermometers ThermoJack, CE 3
- Digital thermometer mini 2
- Distillation thermometers with standard ground 14/23 24

F

- Freezer thermometers 15
- Freezer-fridge thermometers 15
- Freezer-fridge thermometers, digital, CE 14

I

- Indoors/Outdoors thermometer electronic, with official DKD calibration certificate (DAkkS) 7

M

- Maximum-minimum thermometer with digital display 8
- Maximum-minimum thermometer, electronic, CE 10
- Maximum-minimum thermometers 17, 18

P

Pocket thermometers, prismatic graduated glass 22

Precision thermometers 23

R

Radio thermometer 11

Rain gauges 30

Room thermometers, beech wood, natural varnish 13

S

Sauna hygrometers 17

T

Temperature control 12

Temperature data logger „MicroLite“, CE 4

Thermometer, electronic, CE 1

W

Weather station with sensor unit, CE 9

Window thermometers, Vienna type, fittings of metal 16