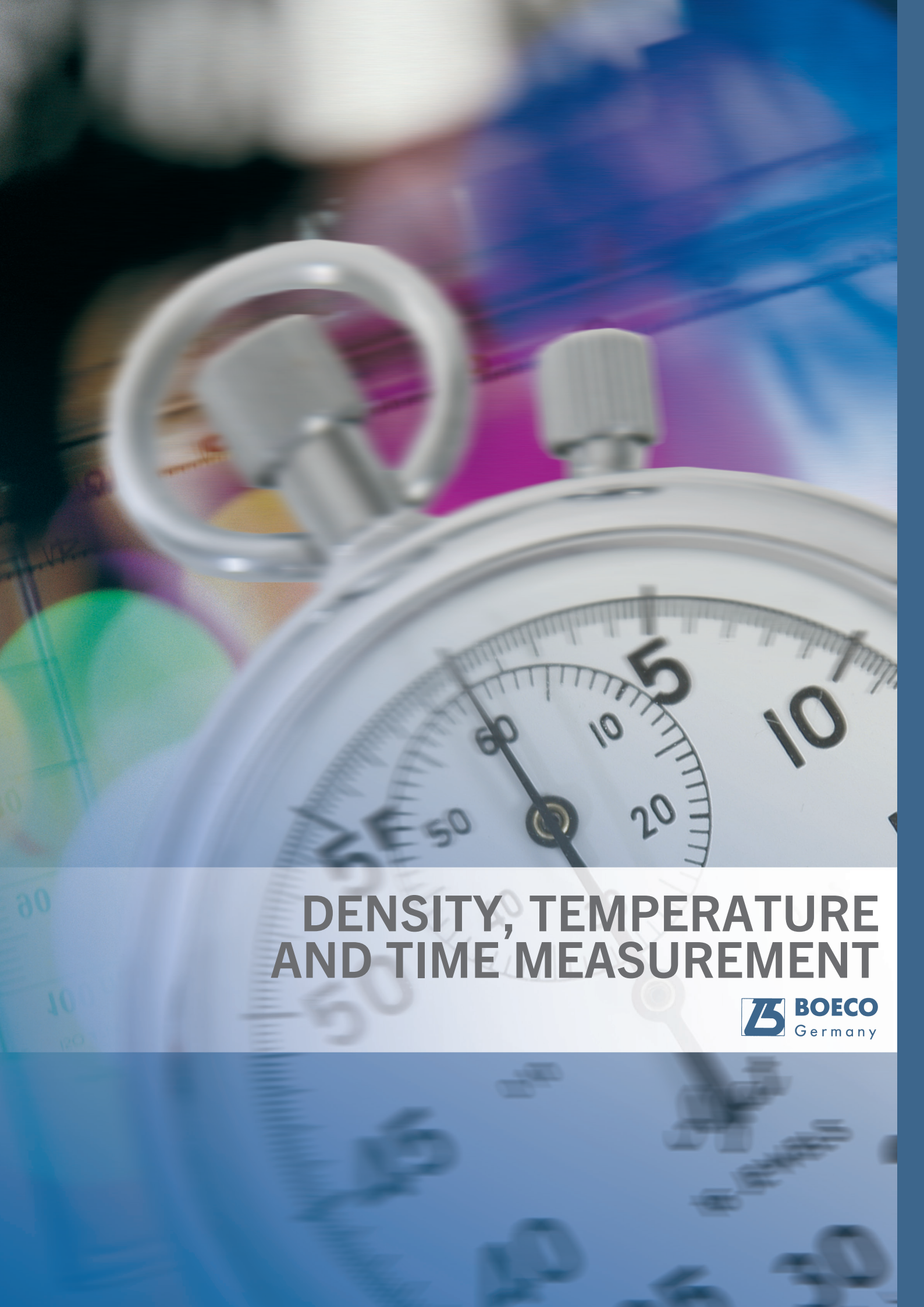




DENSITY, TEMPERATURE AND TIME MEASUREMENT

 **BOECO**
Germany

BOECO HYDROMETERS

DENSITY HYDROMETERS

without thermometer, reference temperature 20°C (27,5°C upon request)
Nominal range 0.100 g/cm³ divided in 0,001

Range g/cm³	mm	Code
0.600-0.700	300	BOE 6700
0.700-0.800	300	BOE 6701
0.800-0.900	300	BOE 6702
0.900-1.000	300	BOE 6703
1.000-1.100	300	BOE 6704
1.100-1.200	300	BOE 6705
1.200-1.300	300	BOE 6706
1.300-1.400	300	BOE 6707
1.400-1.500	300	BOE 6708
1.500-1.600	300	BOE 6709
1.600-1.700	300	BOE 6710
1.700-1.800	300	BOE 6711
1.800-1.900	300	BOE 6712
1.900-2.000	300	BOE 6713
2.000-2.100	300	BOE 6714



BOE 6707

DENSITY HYDROMETERS

without thermometer, reference temperature 20°C (27,5°C upon request)
Nominal range 0.200 g/cm³ divided in 0,002

Range g/cm³	mm	Code
0.600-0.800	320	BOE 6960
0.800-1.000	280	BOE 6961
1.000-1.200	280	BOE 6962
1.200-1.400	280	BOE 6963
1.400-1.600	280	BOE 6964
1.600-1.800	280	BOE 6965
1.800-2.000	280	BOE 6966



BOE 6960

DENSITY HYDROMETERS

without thermometer, reference temperature 20°C (27,5°C upon request)
Nominal range 0.300/0.400/0.500 g/cm³ divided in 0,005

Range g/cm³	mm	Code
0.700-1.000	320	BOE 7000
1.000-1.300	280	BOE 7001
1.300-1.600	280	BOE 7002
1.000-1.500	280	BOE 7004
1.500-2.000	280	BOE 7005
2.000-2.500	280	BOE 7040
2.500-3.000	280	BOE 7041
3.000-3.500	280	BOE 7042
3.500-4.000	280	BOE 7043

UNIVERSAL-DENSITY HYDROMETERS

without thermometer, reference temperature 20°C (27,5°C upon request)

Range g/cm³	mm	Code
0.700-2.000	330	BOE 7020
1.000-2.000	280	BOE 7021

UNIVERSAL-HYDROMETERS AND BAUMÉ-SCALE

without thermometer, reference temperature 20°C (27,5°C upon request)

Range g/cm ³	mm	Code
0.700-2.000	330	BOE 7019
1.000-2.000	280	BOE 7022

ASTM E100 HYDROMETERS

Specific gravity 82H-90H
Nominal range 0.50/0.0005
Temp. 60/60 °F

Range		mm	Code
0.650-0.700	82H	330	BOE 6150
0.700-0.750	83H	330	BOE 6151
0.750-0.800	84H	330	BOE 6152
0.800-0.850	85H	330	BOE 6153
0.850-0.900	86H	330	BOE 6154
0.900-0.950	87H	330	BOE 6155
0.950-1.000	88H	330	BOE 6156
1.000-1.050	89H	330	BOE 6157
1.050-1.100	90H	330	BOE 6158

ASTM E100 SOIL-HYDROMETERS

for the determination of particle size distribution in soil
Standard temp. 68/68 °F

Range		mm	Code
0.995-1.038/0,001	151 H	280	BOE 6050
-5 - +60/1	152 H	280	BOE 6055

BRIX-HYDROMETERS

without thermometer, reference temperature 20°C (27,5°C upon request)
Nominal range 10/0,1 Brix

Range °Brix	mm	Code
0-10	260	BOE 1330
10-20	260	BOE 1331
20-30	260	BOE 1332
30-40	260	BOE 1333
40-50	260	BOE 1334
50-60	260	BOE 1335
60-70	260	BOE 1336
70-80	260	BOE 1337
80-90	260	BOE 1338



BOE 6055



BOE 4085

LACTOMETERS

plain form, type Quevenne "Original"

Range 15-40/1,0, reference temperature 20°C (15°C upon request)

Range	mm	Code
15-40	210	BOE 4080

BOE 4054

LACTOMETERS

plain form, type Gerber "Original"

Range 1.020-1.040/0.0005

reference temperature 20°C (15°C, 27,5°C upon request)

Range g/ml	mm	Code
1.020-1.040	230	BOE 4054

ALCOHOLOMETERS

Commercial grade, reference temperature 20°C

Range 0 - 100/1,0

%vol	mm	Code
0-100	265	BOE 2910

ALCOHOLOMETERS

Type Gay-Lussac, 0-35/1,0°C

standard temperature 15°C

Range %vol GI	mm	Code
0-100	265	BOE 2944

ALCOHOLOMETERS

Type Richter + Tralles

standard temperature 20°C

%vol %mas	mm	Code
0-100	265	BOE 2940

ALCOHOLOMETERS EC CLASS II

standard temperature 20°C

Nominal range 10% / 0,1% vol.

Range %vol	mm	Code
00-10	360	BOE 2610
10-20	360	BOE 2611
20-30	360	BOE 2612
30-40	360	BOE 2613
35-45	260	BOE 2620
40-50	360	BOE 2614
50-60	360	BOE 2615
60-70	360	BOE 2616
70-80	360	BOE 2617
80-90	360	BOE 2618
90-100	360	BOE 2619

BOE 2940

BOE 2944

BAUMÉ-HYDROMETERS

plain form, without thermometer, nominal range 10/1,0
reference temperature 20°C (15°C, 27,5°C upon request)

Range °Be	mm	Code
00-10	220	BOE 1810
10-20	220	BOE 1811
20-30	220	BOE 1812
30-40	220	BOE 1813
40-50	220	BOE 1814
50-60	220	BOE 1815
60-70	220	BOE 1816

BAUMÉ-HYDROMETERS

plain form, without thermometer, nominal range 10/0,1
reference temperature 20°C (15°C, 27,5°C upon request)

Range °Be	mm	Code
00-10	280	BOE 1830
10-20	280	BOE 1831
20-30	280	BOE 1832
30-40	280	BOE 1833
40-50	280	BOE 1834
50-60	280	BOE 1835
60-70	280	BOE 1836



BOE 1831

BAUMÉ-HYDROMETERS

plain form, without thermometer, Nominal range 20/1,0
reference temperature 20°C (15°C, 27,5°C upon request)

Range °Be	mm	Code
00-20	240	BOE 1980
20-40	240	BOE 1981
40-60	240	BOE 1982
10-30	240	BOE 1985
30-50	240	BOE 1986
50-70	240	BOE 1987

BAUMÉ-HYDROMETERS

plain form, without thermometer, nominal range 20/0,1
reference temperature 20°C (15°C, 27,5°C upon request)

Range °Be	mm	Code
00-20	330	BOE 2030
20-40	330	BOE 2031
40-60	330	BOE 2032
10-30	330	BOE 2035
30-50	330	BOE 2036
50-70	330	BOE 2037

BAUMÉ-HYDROMETERS

plain form, without thermometer, range finder,
reference temperature 20°C (15°C, 27,5°C upon request)
Nominal range / 1,0

Range °Be	mm	Code
00-50	250	BOE 2115
00-70	250	BOE 2126

LABORATORY TIMER



MECHANICAL TIMER

0-60 min, sec. alarm, housing colour white/blue

Code

BOE 124



BOECO DIGITAL STOPWATCH

waterproof,
Stopwatch precision 1/100 seconds first 30 min, 1 sec. up to max 24 h,
2 splits memory
Chronograph up to 23 hours, 59 minutes, 59,99 seconds
Calendar shows day, week, month and year
Daily alarm, hourly chime and snooze function
Time shows second, minute, hour, AM/PM & 12/24 switch
With batteries (button cells, 2pcs)

Code

BOE 260



DIGITAL TIMER

Count down 99 min., 59 sec., alarm when countdown reaches
"zero", magnet, silver, with battery (1 pc. button cell SR 44 1,5 V)

Code

BOE 200



BOECO DIGITAL TIMER

Count down/up timer, 99 min. 59 sec. alarm when countdown reaches
"zero", magnet, blue, with battery (AAA, 1 pc.)

Code

BOE 210

BOECO DIGITAL TIMER, JUMBO DISPLAY

82 x 68 x 20,5 mm
count up/ count down timer 23 hours, 59 min., 59 sec.
Clock (12h format)
Reminder: sound and flashing light
Casing material: ABS plastic
Fixed Support: Magnet + stand + hanging role
Battery: 2 pcs. AAA



Code

BOE 270

BOECO 2-LINE DIGITAL TIMER, JUMBO DISPLAY

92 x 79 x 21 mm
Display size: 60 x 40 mm
count up/ count down timer 99 hours, 59 min., 59 sec.
2 channels timer, stopwatch function with flashing light
Casing material: ABS plastic
Fixed support: magnet + stand + hanging hole
Battery: 2 pcs. AAA



Code

BOE 280

BOECO 3-LINE DIGITAL TIMER, JUMBO DISPLAY

3 channels digital timer
88,7 x 68 x 16,2 mm
Alarm and flashing when countdown reaches „zero“
Clock (12h format)
Clip for hanging and standing,
magnet with battery (2 x AAA, 1,5 V)



Code

BOE 290

THERMOMETERS



DIAL BIMETAL POCKET THERMOMETER

Measuring range: - 10°C to + 100°C / 1°C

Measuring probe st. steel, 125 mm and protective plastic sleeve

Code

BOE 316



DIGITAL POCKET THERMOMETER

Measuring range: - 50°C to + 300°C / 0,1°C

Measuring probe st. steel, 120 mm and protective plastic sleeve

Min/Max memory, Measuring time 1 or 10 sec.

Selectable °C/°F, with battery (button cell, 1 pc.)

Code

BOE 310



DIGITAL WATERPROOF THERMOMETER

Pocket size, with easy to read Jumbo Display

Measuring range: - 50°C to + 300°C

Accuracy: ± 1°C in the range of -30° till +150°, otherwise ± 2°C

Visible 115 mm stainless steel piercing sensor probe
IP67 waterproof.

Alarm at high-/low temperature

Max/Min (°C) Memory recalling. One hour auto shut-off

With battery (button cell, 1 pc.)

Code

BOE 311



DIGITAL WATERPROOF THERMOMETER

Measuring range: - 50°C to + 300°C

Resolution: ± 0,1°C for 19,9° till +199,9°, otherwise 1°C

Accuracy: ± 1°C in the range of 151°C till + 250°C, otherwise ± 2°C.

130 mm stainless steel temperature sensor probe, with 1
metre wire, alarm at high-/low temperature

Selectable °C/°F, Max/Min (°F/°C) memory recalling without auto shutt-off

suitable for overnight Max/Min measurements IPX5 waterproof

With battery (button cell, 1 pc.)

Code

BOE 305

MAX/MIN THERMOMETER

MAXIMA/MINIMA THERMOMETER

mercury free

Measuring range: -30°C to + 50°C

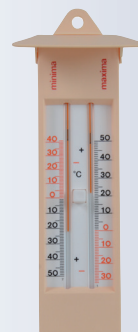
with push button for automatic resetting

Ivory coloured plastic housing with removable top shield and eyelet for wall mounting

Size: 230 x 55 mm

Code

BOE 23900



DIGITAL MAX/MIN THERMOMETER

Display with current temperature, minimum temperature and maximum temperature

Indoor/outdoor minimum and maximum temperature measurement

Temperature measuring range:

Indoor: -5°C to + 50°C (+23°F to +122°F)

Outdoor: -50°C to + 70°C (-58°F to +158°F)

With sensor probe for outdoor minimum and maximum temperature measurement

Supplied with wire holder for fixing sensor probe on wall

Table standing and hanging features

Size: 66 x 68 x 21 mm (L x W x H)

Battery: 1 x button cell

Code

BOE 325



DIGITAL JUMBO MAX/MIN THERMOMETER

°F/°C, Max/Min (°F/°C) memory

Instant reading of Max/Min temperature record or High/low alarm setting

Alerting alarm beeps and flashing symbol displays when temperature reaches/beyond the pre-set limit

Jumbo LCD Display with digit height 35 mm

Flip out stand and hanging hole at the back of the unit

Measuring range: -50°C to +70°C or -58°F to +158°F

Accuracy: 1°C or ±1,8°F in the range of 0°C to +50°C or 32°F to +122 °F
otherwise more than ±1°C or ±1,8°F
0,1° for the whole range

Resolution:

Ambient temp. for the plastic case:

External sensor: 0°C till +50°C or 32°F till +122°F
3m sensor wire with probe (22,5 x ø 5,5 mm) for outdoor temperature measurement

Size: 120 x 110 x 25 mm

Battery: 1 x AAA (1,5 VDC) battery incl.

Code

BOE 328



THERMO-HYGROMETERS



BOECO DIGITAL MAX/MIN THERMO HYGROMETER

Current Indoor and Outdoor temperature
and indoor humidity in the display
Indoor/Outdoor min. / max. measurement by pressing the MAX./MIN key

Measuring range:

IN: 0°C to + 50°C / 1°C (+32°F to 122°F)

OUT: - 50°C to + 70°C / 1°C (-58°F to +158°F)

Indoor hygro range: 20 to 98 RH / $\pm 5\%$

Supplied with 1,5 m cable sensor probe for outdoor min.
and max temp. measurement

Size: 123 x 70 x 20 mm

Battery: 1 x AAA (1,5 VDC) battery included

Code

BOE 326



BOECO DIGITAL THERMO-HYGROMETER & CLOCK

Display Indoor Temperature and Humidity, Outdoor temperature
record the maximum and minimum temperature and humidity
°C and °F switch

Freeze alert from -1°C to +4°C

Temperature measuring range:

Indoor: -10 to + 50°C (+14 to +122 °F)

Outdoor: -5 to + 70°C (-58 to + 158°F)

Humidity measuring range:

20 – 99 %RH

Accuracy:

$\pm 1^\circ\text{C}$,

$\pm 10\% \text{ RH}$

1 x battery (AAA) incl.

Code

BOE 327

BOECO

The family-owned company
Boeckel + Co. (GmbH + Co.) KG was founded in
1929 and now exists in the fourth generation.

To our customers on all 5 continents we are
pleased to introduce our fifth general BOECO
catalog with our extended and updated
complete line of laboratory equipment and
consumables.

We offer high quality at competitive prices by
a convenient and cost-effective one-stop supply.

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