



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/cm ³	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

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/cm ³	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

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/cm ³	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/cm ³	mm	Code
0.700-2.000	330	BOE 7020
1.000-2.000	280	BOE 7021

BOE 6707



BOE 6960



UNIVERSAL-HYDROMETERS AND BAUME-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
0.600-6.500		330	BOE 6149
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

0.950-1.100	98H	330	BOE 6165
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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

ASTM E100 HYDROMETERS

API gravity 51H-60H
Nominal range 12° API/0.1
Thermometer scale: 0-150/2,0 °F
Temp. 60 °F

Range		mm	Code
-1-11	51H	380	BOE 3061
9-21	52H	380	BOE 3062
19-31	53H	380	BOE 3063
29-41	54H	380	BOE 3064
39-51	55H	380	BOE 3065
49-61	56H	380	BOE 3066
59-71	57H	380	BOE 3067
69-81	58H	380	BOE 3068
79-91	59H	380	BOE 3069
89-101	60H	380	BOE 3070

BOE 6055



BOE 1330





BOE 4082

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

BRIX-HYDROMETERS

with thermometer, reference temperature 20°C (27,5°C upon request)
Nominal range 10/0,1 Brix, Thermo range 0-40 °C/1,0 °C

Range °Brix	mm	Code
0-10	350	BOE 1340
10-20	350	BOE 1341
20-30	350	BOE 1342
30-40	350	BOE 1343
40-50	350	BOE 1344
50-60	350	BOE 1345
60-70	350	BOE 1346
70-80	350	BOE 1347
80-90	350	BOE 1348



BOE 4054

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

THERMO-LACTOMETERS

type Quevenne "Original" with thermometer in stem
Thermo range 0-40/1,0°C
Range 15-40/1,0, reference temperature 20°C (15°C upon request)

Range	mm	Code
15-40	300	BOE 4082

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

THERMO-LACTOMETERS

type Gerber "Original" with thermometer in stem
Thermo range 0-40/1,0°C
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	320	BOE 4058

ALCOHOLOMETERS

Commercial grade, reference temperature 20°C
Range 0 - 100/1,0

%vol	mm	Code
0-100	265	BOE 2910
0-100 dual scale	265	BOE 2970

THERMO-ALCOHOLOMETERS

Commercial grade, reference temperature 20°C
Range 0 - 100/1,0

%vol	mm	Code
0-100	290	BOE 2912

ALCOHOLOMETERS

Type Gay-Lussac
standard temperature 15°C

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

THERMO-ALCOHOLOMETERS

Type Gay-Lussac
standard temperature 15°C

Range %vol Gl	mm	Code
0-100	290	BOE 2946

ALCOHOLOMETERS

Type Richter + Tralles
standard temperature 20°C

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

THERMO-ALCOHOLOMETERS

Type Richter + Tralles
standard temperature 20°C

%vol %mas	mm	Code
0-100	290	BOE 2942

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 2944



BOE 2940

BAUMÉ-HYDROMETERS

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

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

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



BOE 1831



BOE 7019

TIMER

MECHANICAL TIMER

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

Code

BOE 124



DIGITAL STOPWATCH

water resistant, 30 min., 1/100 sec. Time, calendar and alarm, with battery

Code

BOE 240



DIGITAL TIMER

Count down 99 min., 59 sec., alarm when countdown reaches
“zero”, magnet, silver, with battery

Code

BOE 200



DIGITAL TIMER

Count down/up timer, 99 min. 59 sec. alarm when countdown reaches
“zero”, magnet, blue, with battery

Code

BOE 210



2-LINE DIGITAL TIMER, JUMBO DISPLAY

2 independent timers in one model. Count down/Count up timer and
clock in one. Count down 99 min., 59 sec., alarm when countdown
reaches “zero”, clip for hanging and standing, magnet, with battery

Code

BOE 220



3-LINE DIGITAL TIMER, JUMBO DISPLAY

Displays current time, alarm time and month & date or 3 channels timer
timing. Count down 99 min., 59 sec., alarm when countdown reaches
“zero”, distinct alarms for each channel. Clip for hanging and standing,
magnet, with battery

Code

BOE 225



THERMOMETERS



DIAL BIMETAL POCKET THERMOMETER

- 10°C to + 100°C / 1°C
Measuring probe st. steel, 125mm and protective plastic sleeve.

Code
BOE 316



DIGITAL POCKET THERMOMETER

- 50°C to + 300°C / 0,1°C
Measuring probe st. steel, 120mm and protective plastic sleeve.
Min/Max memory, Measuring time 1 or 10 sec.
Selectable °C/°F, with battery

Code
BOE 310



DIGITAL WATERPROOF THERMOMETER

Pocket size, with easy to read Jumbo Display
- 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 with battery,
Max/Min (°C) Memory recalling. One hour auto shut off

Code
BOE 311



DIGITAL WATERPROOF THERMOMETER

- 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, with battery, Max/Min (°F/°C) memory recalling
without auto shutt off - **suitable for overnight Max/Min measurements**

Code
BOE 305

MAX/MIN THERMOMETER

MAXIM/MINIMA THERMOMETER

mercury free
-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 23940



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)

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
Resolution: 0,1° for the whole range

Ambient temp. for the plastic case: 0°C till +50°C or 32°F till +122°
External sensor: 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 (1,5VDC) battery incl.

Code
BOE 328



THERMO-HYGROMETERS

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 / ± 5%

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

Size: 123 x 70 x 20 mm,

Battery: AAA (1,5VDC) battery not included

Code

BOE 326

DIGITAL THERMO- / HYGROMETER



Dual LCD display with indoor temp. and relative
indoor humidity at the same time.

Measuring range:

Indoor temp.: 0°C to + 50°C /1°C

Rel. humidity indoor: 25% to 95%/1%

Code

BOE 330