

Density determination/Density meter



1 Hydrometers, density

Shot poised. Without thermometer. Reference temperature: +20°C.

Length mm	Measuring range g / ml	Sub- divisions g / ml	PK	Cat. No.
160	0,760 - 0,820	0.001	1	9.004 153
160	0,820 - 0,880	0.001	1	9.004 154
160	0,880 - 0,940	0.001	1	9.004 155
160	0,940 - 1,000	0.001	1	9.004 156
160	1,000 - 1,060	0.001	1	9.004 157
160	1,060 - 1,120	0.001	1	9.004 158
160	1,120 - 1,180	0.001	1	9.004 159
160	1,180 - 1,240	0.001	1	9.004 160
160	1,240 - 1,300	0.001	1	9.004 161
160	1,300 - 1,360	0.001	1	9.004 162
160	1,360 - 1,420	0.001	1	9.004 163

Further models available on request.

2



2 ASTM Hydrometers

Precision hydrometers acc. to ASTM E2995-14 for determination of density for mineral oil, with thermometer "mercury free".

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Hydrometer with thermometer, error-limit for density: $\pm 0.5 \text{ kg/m}^3$, with thermometer -20 to +65°C in 1°C, blue filling, error-limit $\pm 1^\circ\text{C}$. With works calibration on request. With blue, environmental friendly filling of thermometers. Each item packed in plastic tubes for breakage protection.

Length mm	Measuring range kg/m³	Reference temperature °C	Scale	PK	Cat. No.
380	600 - 650	15	0,5	1	6.267 132
380	650 - 700	15	0,5	1	6.267 133
380	700 - 750	15	0,5	1	6.267 134
380	750 - 800	15	0,5	1	6.267 135
380	800 - 850	15	0,5	1	6.267 136
380	850 - 900	15	0,5	1	6.267 137
380	900 - 950	15	0,5	1	6.267 138
380	950 - 1000	15	0,5	1	6.267 139
380	1000 - 1050	15	0,5	1	6.267 140
380	1050 - 1100	15	0,5	1	6.267 141
380	775 - 825	15	0,5	1	6.267 142

3



3 Hydrometers, high-quality plastics, PC

Hydrometers made of high-quality plastics (polycarbonate).

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- Breakage protected (no glass breakage)
- Fully made of resistant polycarbonate (PC)
- High transparency (like glass), easy-to-read scales
- High precision and reproducibility
- Suitable for applications in food, pharmaceutical and cosmetic industries as well as many others
- Measuring units: specific gravity, density, Oechsle, % mass, Brix, saturation, ° Baumé, etc.
- Made in Germany
- Works certificate available on request (option)
- Food safety according to HACCP

For	Length mm	Measuring range	Reference temperature °C	Scale	PK	Cat. No.
Density	300	1,000 - 1,220 g/cm³	20	0,002 g/cm³	1	9.236 840
Density	300	1,200 - 1,420 g/cm³	20	0,002 g/cm³	1	9.236 841
Density	300	1,400 - 1,620 g/cm³	20	0,002 g/cm³	1	9.236 842
Salt saturation	300	0 - 100°	20	1°	1	9.236 843
Sodium chloride	300	0 - 26,4 %mas.	20	0,2 %	1	9.236 847
Sugar / Salt	250	0 - 12 °Bé	15	0,2 °Bé	1	9.236 844
Sugar / Salt	250	0 - 12 °Bé	20	0,2 °Bé	1	6.291 763
Sugar / Salt	300	0 - 25 °Bé	15	0,2 °Bé	1	7.658 786
Sugar / Salt	250	9 - 21 °Bé	15	0,2 °Bé	1	9.236 845
Sugar / Salt	250	19 - 31 °Bé	15	0,2 °Bé	1	9.236 846
Sugar / Salt	250	29 - 41 °Bé	15	0,2 °Bé	1	6.273 071
Sugar / Salt	250	49 - 61 °Bé	15	0,2 °Bé	1	7.980 963
Sugar	300	0 - 35 %mas./Brix	20	0,5 %mas.	1	9.236 848
Sugar	300	0 - 50 %mas./Brix	20	0,5 %mas.	1	9.236 849