

8.556.***

Density hydrometers. DIN 12791
For officially testing. Series M50. Without thermometer. Surface-tension-categories: 0.600-1.000 (15-35 dyn/cm = mN/m)
low = L = yellow COLOR-Code,
1.000-2.000 (75 dyn/cm = mN/m)
high = H = blue Color-Code. TP 20 °C. With lead ballast

Densimètres à 20° selon DIN 12791. Série M50, sans thermomètre

DIN-No.	Range Echelle g/cm ³	Order No. N° de code
M50-060	0.600-0.650	8.556.001
M50-065	0.650-0.700	8.556.002
M50-070	0.700-0.750	8.556.003
M50-075	0.750-0.800	8.556.004
M50-080	0.800-0.850	8.556.005
M50-085	0.850-0.900	8.556.006
M50-090	0.900-0.950	8.556.007
M50-095	0.950-1.000	8.556.008
M50-100	1.000-1.050	8.556.009
M50-105	1.050-1.100	8.556.010
M50-110	1.100-1.150	8.556.011
M50-115	1.150-1.200	8.556.012
M50-120	1.200-1.250	8.556.013
M50-125	1.250-1.300	8.556.014
M50-130	1.300-1.350	8.556.015
M50-135	1.350-1.400	8.556.016
M50-140	1.400-1.450	8.556.017
M50-145	1.450-1.500	8.556.018
M50-150	1.500-1.550	8.556.019
M50-155	1.550-1.600	8.556.020
M50-160	1.600-1.650	8.556.021
M50-165	1.650-1.700	8.556.022
M50-170	1.700-1.750	8.556.023
M50-175	1.750-1.800	8.556.024
M50-180	1.800-1.850	8.556.025
M50-185	1.850-1.900	8.556.026
M50-190	1.900-1.950	8.556.027
M50-195	1.950-2.000	8.556.028
Set of 14 hydrometers from 0.600-1.300 g/cm ³ <i>Série de 14 densimètres couvrant la plage de 0.600 à 1.300 gc/m³</i>		8.556.100
Set of 14 hydrometers from 1.300-2.000 g/cm ³ <i>Série de 14 densimètres couvrant la plage de 1.300 à 2.000 gcm³</i>		8.556.200



Portable Electronic Density Meter from KEM
our partner in the laboratory world.

**Density hydrometers. DIN 12791**

For officially testing.

Surface-tension-categories: 0.600-1.000
(15-35 dyn/cm = mN/m)

low = L = yellow Color-Code,

1.000-2.000 (75 dyn/cm = mN/m)

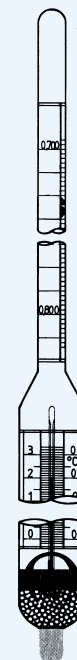
high = H = blue Color-Code. TP 20 °C.

With lead ballast. Division 0.002 g/cm³,
division 90 mm, length 240 mm.**Available without thermometer or with
thermometer***Densimètres à 20° selon DIN 12791, Série M100,
disponible avec ou sans thermomètre. Division
0.002 g/cm³, longueur 240 mm*

DIN-No.	Range	without thermometer	with thermometer
	<i>Echelle</i> g/cm ³	<i>sans</i> <i>thermomètre</i>	<i>avec</i> <i>thermomètre</i>
M100-060	0.600-0.700	8.557.001	8.558.001
M100-070	0.700-0.800	8.557.002	8.558.002
M100-080	0.800-0.900	8.557.003	8.558.003
M100-090	0.900-1.000	8.557.004	8.558.004
M100-100	1.000-1.100	8.557.005	8.558.005
M100-110	1.100-1.200	8.557.006	8.558.006
M100-120	1.200-1.300	8.557.007	8.558.007
M100-130	1.300-1.400	8.557.008	8.558.008
M100-140	1.400-1.500	8.557.009	8.558.009
M100-150	1.500-1.600	8.557.010	8.558.010
M100-160	1.600-1.700	8.557.011	8.558.011
M100-170	1.700-1.800	8.557.012	8.558.012
M100-180	1.800-1.900	8.557.013	8.558.013
M100-190	1.900-2.000	8.557.014	8.558.014
Complete set of 14 hydrometers packed in valvet-lined case		8.857.200	8.558.200
<i>Série de 14 densimètres couvrant la plage de 0.600 à 2.000 g/m³, livrés dans un écran</i>			



8.557.***



8.558.***

Alcoholmeters, acc. to Richter and Tralles.% by weight and by volume. TP. 20 °C,
packed in a plastic tube, shot-weighted,
without thermometer. Length 260 mm.

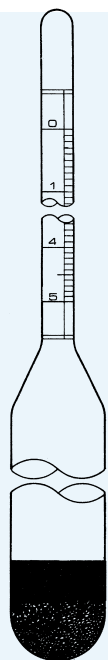
Divisions 0.1 %

*Alcoomètres à 20° selon Richter & Tralles, sans
thermomètre, longueur 260 mm, division 0.1%.
Livrés dans un étui en plastique*

Range <i>Echelle</i> % vol	Order No. <i>N° de code</i>
0-5	8.558.101
5-10	8.558.102
10-15	8.558.103
15-20	8.558.104
20-25	8.558.105
25-30	8.558.106
30-35	8.558.107
35-40	8.558.108
40-45	8.558.109
45-50	8.558.110
50-55	8.558.111
55-60	8.558.112
60-65	8.558.113
65-70	8.558.114
70-75	8.558.115
75-80	8.558.116
80-85	8.558.117
85-90	8.558.118
90-95	8.558.119
95-100	8.558.120
98-103	8.558.121



8.558.1**



8.558.2**



8.559.***



8.560.***

Hydrometers acc. to Baumé. Without thermometer, shot-weighted, 15 °C

Densimètre de Baumé à 15°, sans thermomètre

Range Echelle	Division Division	Length Longueur	Order No. N° de code
Bé	Bé	mm	
0-1	0.1	260	8.558.201
0-2	0.1	260	8.558.202
0-3	0.1	260	8.558.203
0-5	0.1	260	8.558.205
0-10	1.0	230	8.558.210
0-15	1.0	230	8.558.215
0-20	1.0	230	8.558.220
0-30	1.0	250	8.558.230
0-40	1.0	250	8.558.240
0-50	1.0	280	8.558.250
0-70	1.0	280	8.558.270

Density hydrometers. 100 °C range. For light and heavy liquids, TP. 20 °C, commercial quality, with lead ballast. (Densimeter). DIN 12791. Division 0.001 g/cm³.

Densimètre à 20°C selon DIN 12791 pour liquides légers et lourds. Température 100°C. Division: 0.001/cm³. Livrable sans thermomètre (L= 250 mm) ou avec thermomètre L= 300mm)

1. Without thermometer. Length 250 mm
2. With thermometer. Length 300 mm

Range Echelle	Without thermometer sans thermomètre	With thermometer avec thermomètre
g/cm³		
0.600-0.700	8.559.001	8.560.001
0.700-0.800	8.559.002	8.560.002
0.800-0.900	8.559.003	8.560.003
0.900-1.000	8.559.004	8.560.004
1.000-1.100	8.559.005	8.560.005
1.100-1.200	8.559.006	8.560.006
1.200-1.300	8.559.007	8.560.007
1.300-1.400	8.559.008	8.560.008
1.400-1.500	8.559.009	8.560.009
1.500-1.600	8.559.010	8.560.010
1.600-1.700	8.559.011	8.560.011
1.700-1.800	8.559.012	8.560.012
1.800-1.900	8.559.013	8.560.013
1.900-2.000	8.559.014	8.560.014

Complete set of 14 hydrometers without thermometer 8.559.200

-

Série de 14 densimètres sans thermomètre couvrant l'échelle 0.600 à 2.000 g/cm³

Complete set of 14 hydrometers with thermometer -

8.560.200

Série de 14 densimètres avec thermomètre couvrant l'échelle 0.600 à 2.000 g/cm³

Range finders, to complete the set 0.600 - 2.000 g/cm³, 8.559.300

-

length 160 mm

Range finders, pour compléter la série 0.600-2.000 g/cm³ longueur 160 mm



Automatic Electronic Density Meter from KEM, our partner in the laboratory world



Density hydrometers. 60 °C range. For small quantities of liquids, for light and heavy liquids specific gravity. TP. 20 °C, commercial quality, with lead ballast. Desimeter. Division 0.001 g/cm³, division 50 mm, length 160 mm

Densimètre à 20°C selon DIN 12791 pour petite quantité de liquides légers et lourds. Température 60°C. Division: 0.001/cm³. Sans thermomètre. Longueur 160 mm

Range <i>Echelle</i> g/cm ³	Order No. <i>N° de code</i>
0.600-0.660	8.561.001
0.660-0.710	8.561.002
0.710-0.760	8.561.003
0.760-0.820	8.561.004
0.820-0.880	8.561.005
0.880-0.940	8.561.006
0.940-1.000	8.561.007
1.000-1.060	8.561.008
1.060-1.120	8.561.009
1.120-1.180	8.561.010
1.180-1.240	8.561.011
1.240-1.300	8.561.012
1.300-1.360	8.561.013
1.360-1.420	8.561.014
1.420-1.480	8.561.015
1.480-1.540	8.561.016
1.540-1.600	8.561.017
1.600-1.660	8.561.018
1.660-1.720	8.561.019
1.720-1.780	8.561.020
1.780-1.840	8.561.021
1.840-1.900	8.561.022
1.900-1.960	8.561.023
1.960-2.020	8.561.024
Thermo-range finder	8.561.100
<i>Thermo-range finder</i>	
Complete set of 24 Hydrometer, with Thermo-Range-finder, packed in velvet-lined case.	8.561.200
<i>Série de 24 densimètres avec thermo-range finders, couvrant l'échelle 0.600 à 2.020 g/cm³, livrés dans un écrin</i>	

Density hydrometers. Various ranges, for light and heavy liquids specific gravity. TP. 20 °C, commercial quality, with lead ballast.

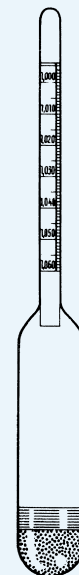
Densimètres à 20°C, pour liquides légers et lourds

Range <i>Echelle</i> g/cm ³	Division <i>Division</i> g/cm ³	Nominal range <i>Longueur d'échell</i> mm	Length <i>Longueur</i> mm	Order No. <i>N° de code</i>
0.700-1.000	0.005	110	270	8.564.001
1.000-1.300	0.005	160	300	8.564.002
1.000-1.500	0.005	140	300	8.564.003
1.500-2.000	0.005	140	300	8.564.004
1.000-2.000	0.010	160	300	8.564.005
0.700-2.000	0.01/0.02	150	400	8.564.006

Sugar hydrometers. Saccharimeter acc. to Brix (1 Brix = 1% sugar solution).
1. Without thermometer 200-250 mm long
2. With thermometer 300 mm long

*Saccharimètres de Brix, pour les sucres (1 Brix = 1% de solution sucrée)
Type 1 sans thermomètre (L=200-250mm)
Type 2 avec thermomètre (L=300 mm)*

Range <i>Echelle</i> Brix	Order No. <i>N° de code</i> Type 1	Order No. <i>N° de code</i> Type 2
0-10	8.565.101	8.565.111
0-30	8.565.102	-
10-20	-	8.565.113
20-30	-	8.565.114
30-40	-	8.565.115
30-60	8.565.106	-
40-50	-	8.565.117
50-60	-	8.565.118
60-70	-	8.565.119
60-90	8.565.110	-
70-80	-	8.565.121
80-90	-	8.565.122



8.561.***



8.564.***



8.565.***





8.568.***

Density-thermo-hydrometers for petroleum. For officially testing, with thermometer -10 to +40 °C : 1 °C, TP. 15 °C. Conformity certified. Divisions 0.001 g/cm³. Nominal range 155 mm. Length 425 mm.

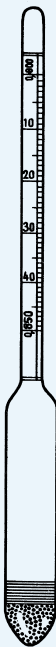
Thermo-densimètres à 15°C pour produits pétroliers, avec thermomètre -10/+ 40°C : 1°C. Certifié conforme. Divisions: 0.001g/cm³. Longueur totale 425 mm

Range Echelle g/cm³	Order No. N° de code
0.610-0.700	8.568.001
0.680-0.770	8.568.002
0.750-0.840	8.568.003
0.820-0.910	8.568.004

Specific gravity hydrometers, acc. to ASTM E 100. For officially testing, for petroleum and other liquids with similar surface-tension, TP. 60/60 °F, with lead ballast.

Densimètres selon ASTM E 100 à 60/60°F pour produits pétroliers et autres liquides de tension de surface identique

ASTM No.	Scale Echelle sp. gr.	Division Division sp. gr.	Nominal scale Longueur d'échell mm	Length Longueur mm	Order No. N° de code
82H	0.650-0.700	0.0005	135	300	8.570.001
83H	0.700-0.750	0.0005	135	300	8.570.002
84H	0.750-0.800	0.0005	135	300	8.570.003
85H	0.800-0.850	0.0005	135	300	8.570.004
86H	0.850-0.900	0.0005	135	300	8.570.005
87H	0.900-0.950	0.0005	135	300	8.570.006
88H	0.950-1.000	0.0005	135	300	8.570.007
89H	1.000-1.050	0.0005	135	300	8.570.008
90H	1.050-1.100	0.0005	135	300	8.570.009
102H	0.650-0.700	0.0010	80	260	8.570.010
103H	0.700-0.750	0.0010	80	260	8.570.011
104H	0.750-0.800	0.0010	80	260	8.570.012
105H	0.800-0.850	0.0010	80	260	8.570.013
106H	0.850-0.900	0.0010	80	260	8.570.014
107H	0.900-0.950	0.0010	80	260	8.570.015
108H	0.950-1.000	0.0010	80	260	8.570.016
111H	1.000-1.050	0.0005	135	300	8.570.017
112H	1.050-1.100	0.0005	135	300	8.570.018
113H	1.100-1.150	0.0005	135	300	8.570.019
114H	1.150-1.200	0.0005	135	300	8.570.020
115H	1.200-1.250	0.0005	135	300	8.570.021
116H	1.250-1.300	0.0005	135	300	8.570.022
117H	1.300-1.350	0.0005	135	300	8.570.023
118H	1.350-1.400	0.0005	135	300	8.570.024
119H	1.400-1.450	0.0005	135	300	8.570.025
120H	1.450-1.500	0.0005	135	300	8.570.026
125H	1.000-1.050	0.0010	80	260	8.570.027
126H	1.050-1.100	0.0010	80	260	8.570.028
127H	1.100-1.150	0.0010	80	260	8.570.029
128H	1.150-1.200	0.0010	80	260	8.570.030
129H	1.200-1.250	0.0010	80	260	8.570.031
130H	1.250-1.300	0.0010	80	260	8.570.032
131H	1.300-1.350	0.0010	80	260	8.570.033
132H	1.350-1.400	0.0010	80	260	8.570.034
133H	1.400-1.450	0.0010	80	260	8.570.035
134H	1.450-1.500	0.0010	80	260	8.570.036
135H	1.500-1.550	0.0010	80	260	8.570.037
136H	1.550-1.600	0.0010	80	260	8.570.038
137H	1.600-1.650	0.0010	80	260	8.570.039
138H	1.650-1.700	0.0010	80	260	8.570.040
139H	1.700-1.750	0.0010	80	260	8.570.041
140H	1.750-1.800	0.0010	80	260	8.570.042
141H	1.800-1.850	0.0010	80	260	8.570.043



8.570.***



Specific gravity hydrometers, acc. to ASTM E 100. For officially testing. TP. 60 °F (60 / 60 °F), with lead ballast.

Densimètres selon ASTM E 100 à 60°F (60/60°F)

ASTM No.	Scale Echelle sp. gr.	Division Division sp. gr.	Nominal scale Longueur d'échell mm	Length Longueur mm	Order No. N° de code
1H	-1 to +11	0.1	135	330	8.571.001
2H	9 to 21	0.1	135	330	8.571.002
3H	19 to 31	0.1	135	330	8.571.003
4H	29 to 41	0.1	135	330	8.571.004
5H	39 to 51	0.1	135	330	8.571.005
6H	49 to 61	0.1	135	330	8.571.006
7H	59 to 71	0.1	135	330	8.571.007
8H	69 to 81	0.1	135	330	8.571.008
9H	79 to 91	0.1	135	330	8.571.009
10H	89 to 101	0.1	135	330	8.571.010

Special hydrometers

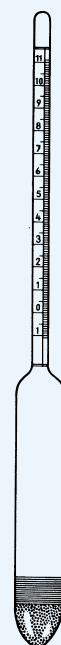
Densimètres spéciaux

Range Echelle	Division Division mm	Nominal scale Longueur d'échell mm	Length Longueur mm	Order No. N° de code
For boiler feed-water acc. to Dr. Ing. Ammer, TP. 20 °C, with lead ballast				
<i>Densimètre pour eau de chaudière selon Dr. Ing. Ammer, à 20°C</i>				
1-0-1	0.1	45	280	8.572.001
1-0-2	0.1	65	280	8.572.002
0.5-0-0.5	0.1	80	400	8.572.003
Oechsle, TP. 20 °C, with lead ballast, without thermometer				
<i>Densimètre de Oechsle à 20°C, sans thermomètre</i>				
0-120 % Vol.	1/1	120	270	8.575.000
For Ca(OH)₂, without thermometer, 20 °C				
<i>Densimètre pour Ca(OH)₂ (klein nach unten) à 20°C, sans thermomètre</i>				
0-340 g/l	—	—	500	8.577.101
For salt acc. to Bischoff, without thermometer				
<i>Densimètre pour salinité selon Bischoff, sans thermomètre</i>				
0-27	—	—	240	8.577.201
% hydrometer, without thermometer				
<i>Densimètres à lecture en %, sans thermomètre</i>				
KOH	—	—	270	8.577.301
0-35 % NH ₃	—	—	250	8.577.302
0-27 % NaOH	—	—	250	8.577.303
0-10 % NaOH	—	—	250	8.577.304
0-47 % HNO ₃	—	—	250	8.577.305
0-39 % HCL	—	—	250	8.577.306
0-45 % H ₂ SO ₄	—	—	250	8.577.307
0-30 % H ₂ O ₂	—	—	250	8.577.308
For testing accumulators 1.10-1.30, with glass tubing and rubber ball				
<i>Densimètre pour batterie 1.10-1.30 avec tube en verre et poire en caoutchouc</i>				
1.10-1.30	—	—	—	8.578.100
Spare hydrometer	—	—	—	8.578.200
<i>Densimètre seul, de rechange</i>				
For soil acc. to Casagrande. DIN 18123. Without thermometer, 20 °C				
<i>Densimètre pour sol de Casagrande à 20°C, selon DIN 18123, sans thermomètre</i>				
0.995-1.030	0.0005	—	350	8.580.100

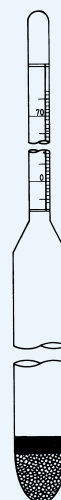
Hydrometers for determining the s.g. of urine samples acc. to Vogel
1.000-1.060 g/cm³, 20 °C
Available with or without thermometer

Densimètres pour la détermination des échantillons d'urine selon Vogel à 20°C. Echelle 1.000 à 1.060 g/cm³, livrables avec ou sans thermomètre

Scale division	without thermometer	with thermometer
<i>Division d'échell</i>	<i>sans</i>	<i>avec</i>
<i>g/cm³</i>	<i>thermomètre</i>	<i>thermomètre</i>
0.001	8.580.900	8.580.910
0.002	8.580.902	-



8.571.***



8.572.001



8.578.100



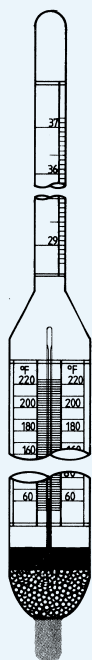
8.575.000



8.580.100



8.580.9**



8.583.1**

Hydrometers.
Range 12° A. P. I. in 0.1° 60 °F, with
thermometer, total length 380 mm

*Densimètres à échelle 12° A.P.I. avec thermomètre
60°F div. 0.1°F, longueur 380 mm*

A.P.I.-No.	Scale Echelle	Thermometer Thermomètre	Order No. N° de code
51HL-62	-1 +11	0 +150	8.583.101
52HL-62	+9 +21	0 +150	8.583.102
53HL-62	+19 +31	0 +150	8.583.103
54HL-62	+29 +41	0 +150	8.583.104
55HL-62	+39 +51	0 +150	8.583.105
56HL-62	+49 +61	0 +150	8.583.106
57HL-62	+59 +71	0 +150	8.583.107
58HL-62	+69 +81	0 +150	8.583.108
59HL-62	+79 +91	0 +150	8.583.109
60HL-62	+89 +101	0 +150	8.583.110
51HM-62	-1 +11	+30 +180	8.583.111
52HM-62	+9 +21	+30 +180	8.583.112
53HM-62	+19 +31	+30 +180	8.583.113
54HM-62	+29 +41	+30 +180	8.583.114
55HM-62	+39 +51	+30 +180	8.583.115
56HM-62	+49 +61	+30 +180	8.583.116
57HM-62	+59 +71	+30 +180	8.583.117
58HM-62	+69 +81	+30 +180	8.583.118
59HM-62	+79 +91	+30 +180	8.583.119
60HM-62	+89 +101	+30 +180	8.583.120
51HH-62	-1 +11	+60 +220	8.583.121
52HH-62	+9 +21	+60 +220	8.583.122
53HH-62	+19 +31	+60 +220	8.583.123
54HH-62	+29 +41	+60 +220	8.583.124
55HH-62	+39 +51	+60 +220	8.583.125
56HH-62	+49 +61	+60 +220	8.583.126
57HH-62	+59 +71	+60 +220	8.583.127
58HH-62	+69 +81	+60 +220	8.583.128
59HH-62	+79 +91	+60 +220	8.583.129
60HH-62	+89 +101	+60 +220	8.583.130



Portable Brix Meter

Check-Brix



Can see sweetness within 2 seconds!

Easy to maintain by washing with water!

Measurement can be made anywhere!

No longer necessary to read graduation
→ Digital Display!

NEW

For measurements of
sweetness of fruits, vegetables,
foods and drinks!

Portable Brix Meter from KEM, our partner in the laboratory world



Precision density hydrometers.
Range 0.20 g/ml in 0.0002 g/ml. Total length 430 mm. Please specify surface tension. Colour code to DIN 12790 and ISO R649 = yellow / red / blue for low / medium / high surface tension.
Available as DIN 12791, Tp. 20 °C, Series L20, without thermometer or as DIN 12785, Series L20 Th, with thermometer +10 +25 °C

Densimètres de précision selon DIN 12790 à 20°C, Série L20, échelle 0.20 g/cm³ : 0.0002 g/ml. Longueur totale 430 mm. Livrables avec thermomètre (+ 10/+ 25°C) ou sans thermomètre

Range	without thermometer	with thermometer
Echelle g/cm ³	sans thermomètre	avec thermomètre
0.600-0.620	8.585.001	8.586.001
0.620-0.640	8.585.002	8.586.002
0.640-0.660	8.585.003	8.586.003
0.660-0.680	8.585.004	8.586.004
0.680-0.700	8.585.005	8.586.005
0.700-0.720	8.585.006	8.586.008
0.720-0.740	8.585.007	8.586.007
0.740-0.760	8.585.008	8.586.008
0.760-0.780	8.585.009	8.586.009
0.780-0.800	8.585.010	8.586.010
0.800-0.820	8.585.011	8.586.011
0.820-0.840	8.585.012	8.586.012
0.840-0.860	8.585.013	8.586.013
0.860-0.880	8.585.014	8.586.014
0.880-0.900	8.585.015	8.586.015
0.900-0.920	8.585.016	8.586.016
0.920-0.940	8.585.017	8.586.017
0.940-0.960	8.585.018	8.586.018
0.960-0.980	8.585.019	8.586.019
0.980-1.000	8.585.020	8.586.020
1.000-1.020	8.585.021	8.586.021
1.020-1.040	8.585.022	8.586.022
1.040-1.060	8.585.023	8.586.023
1.060-1.080	8.585.024	8.586.024
1.080-1.100	8.585.025	8.586.025
1.100-1.120	8.585.026	8.586.026
1.120-1.140	8.585.027	8.586.027
1.140-1.160	8.585.028	8.586.028
1.160-1.180	8.585.029	8.586.029
1.180-1.200	8.585.030	8.586.030
1.200-1.220	8.585.031	8.586.031
1.220-1.240	8.585.032	8.586.032
1.240-1.260	8.585.033	8.586.033
1.260-1.280	8.585.034	8.586.034
1.280-1.300	8.585.035	8.586.035

