



# Hydrometers / Thermo-hydrometers Specific Gravity



## General Purpose Hydrometers for Common Density Areas

Instruments with good accuracy for reliable determination of density in laboratory and industry

*Hydrometer without thermometer – short form – scale 0.060 g/cm<sup>3</sup> - accuracy +/- 1 scale division*

Art. no.	Type	Range	Length	Ref. temp.
LAB-H-800-000	00	0,600 - 0,660 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-002	0	0,650 - 0,710 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-004	1	0,700 - 0,760 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-006	2	0,760 - 0,820 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-008	3	0,820 - 0,880 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-010	4	0,880 - 0,940 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-012	5	0,940 - 1,000 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-014	6	1,000 - 1,060 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-016	7	1,060 - 1,120 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-018	8	1,120 - 1,180 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-020	9	1,180 - 1,240 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-022	10	1,240 - 1,300 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-024	11	1,300 - 1,360 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-026	12	1,360 - 1,420 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-028	13	1,420 - 1,480 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-030	14	1,480 - 1,540 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-032	15	1,540 - 1,600 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-034	16	1,600 - 1,660 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-036	17	1,660 - 1,720 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-038	18	1,720 - 1,780 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-040	19	1,780 - 1,840 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-042	20	1,840 - 1,900 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-044	21	1,900 - 1,960 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C
LAB-H-800-046	22	1,960 - 2,020 : 0,001 g/cm <sup>3</sup>	160 mm	+20°C

*Hydrometer without thermometer – long form – accuracy +/- 1 scale division*

Art. no.	Type	Range	Length	Ref. temp.
LAB-H-800-130	00	0,600 - 0,660 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-132	0	0,650 - 0,710 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-134	1	0,700 - 0,760 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-136	2	0,760 - 0,820 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-138	3	0,820 - 0,880 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-140	4	0,880 - 0,940 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-142	5	0,940 - 1,000 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-144	6	1,000 - 1,060 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-146	7	1,060 - 1,120 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-148	8	1,120 - 1,180 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C



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LAB-H-800-150	9	1,180 - 1,240 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-152	10	1,240 - 1,300 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-154	11	1,300 - 1,360 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-156	12	1,360 - 1,420 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-158	13	1,420 - 1,480 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-160	14	1,480 - 1,540 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-162	15	1,540 - 1,600 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-164	16	1,600 - 1,660 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-166	17	1,660 - 1,720 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-168	18	1,720 - 1,780 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-170	19	1,780 - 1,840 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-172	20	1,840 - 1,900 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-174	21	1,900 - 1,960 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-800-176	22	1,960 - 2,020 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C

### Hydrometer with thermometer – long form – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Ref. temp.	Thermometer scale
LAB-H-800-240	00	0,600 - 0,660 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-244	1	0,700 - 0,760 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-246	2	0,760 - 0,820 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-248	3	0,820 - 0,880 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-250	4	0,880 - 0,940 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-252	5	0,940 - 1,000 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-254	6	1,000 - 1,060 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-256	7	1,060 - 1,120 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-258	8	1,120 - 1,180 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-260	9	1,180 - 1,240 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-262	10	1,240 - 1,300 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-264	11	1,300 - 1,360 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-266	12	1,360 - 1,420 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-268	13	1,420 - 1,480 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-270	14	1,480 - 1,540 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-272	15	1,540 - 1,600 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-274	16	1,600 - 1,660 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-276	17	1,660 - 1,720 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-278	18	1,720 - 1,780 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-280	19	1,780 - 1,840 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-282	20	1,840 - 1,900 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-284	21	1,900 - 1,960 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-800-286	22	1,960 - 2,020 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C

### Hydrometer without thermometer – long form – (Scale 0.100 g/cm<sup>3</sup>) - accuracy +/- 1 scale division

Art. no.	Range	Length	Ref. temp.
LAB-H-801-050	0,600 - 0,700 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-052	0,700 - 0,800 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-054	0,800 - 0,900 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-056	0,900 - 1,000 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-058	1,000 - 1,100 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-060	1,100 - 1,200 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-062	1,200 - 1,300 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-064	1,300 - 1,400 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-066	1,400 - 1,500 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-068	1,500 - 1,600 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-070	1,600 - 1,700 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-072	1,700 - 1,800 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-074	1,800 - 1,900 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C
LAB-H-801-076	1,900 - 2,000 : 0,001 g/cm <sup>3</sup>	300 mm	+20°C

### Thermo-Hydrometer with thermometer – long form – (Scale 0.100 g/cm<sup>3</sup>) - accuracy +/- 1 scale division

Art. no.	Range	Length	Ref. temp.	Thermometer scale
LAB-H-801-200	0,600 - 0,700 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-202	0,700 - 0,800 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-204	0,800 - 0,900 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-206	0,900 - 1,000 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-208	1,000 - 1,100 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-210	1,100 - 1,200 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-212	1,200 - 1,300 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-214	1,300 - 1,400 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-216	1,400 - 1,500 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-218	1,500 - 1,600 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-220	1,600 - 1,700 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C



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LAB-H-801-222	1,700 - 1,800 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-224	1,800 - 1,900 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-226	1,900 - 2,000 : 0,001 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C

*Hydrometer without thermometer – short form – (Scale 0.150 up to 0.250 g/cm<sup>3</sup>) - accuracy +/- 1 scale division*

Art. no.	Range	Length	Ref. temp.
LAB-H-801-280	0,700 - 0,850 : 0,005 g/cm <sup>3</sup>	180 mm	+20°C
LAB-H-801-282	0,850 - 1,000 : 0,005 g/cm <sup>3</sup>	180 mm	+20°C
LAB-H-801-284	1,000 - 1,250 : 0,005 g/cm <sup>3</sup>	180 mm	+20°C
LAB-H-801-286	1,250 - 1,500 : 0,005 g/cm <sup>3</sup>	180 mm	+20°C
LAB-H-801-288	1,500 - 1,750 : 0,005 g/cm <sup>3</sup>	180 mm	+20°C
LAB-H-801-290	1,750 - 2,000 : 0,005 g/cm <sup>3</sup>	180 mm	+20°C

*Hydrometer without thermometer – long form – (Scale 0.150 up to 0.250 g/cm<sup>3</sup>) - accuracy +/- 1 scale division*

Art. no.	Range	Length	Ref. temp.
LAB-H-801-360	0,600 - 0,800 : 0,002 g/cm <sup>3</sup>	280 mm	+20°C
LAB-H-801-362	0,800 - 1,000 : 0,002 g/cm <sup>3</sup>	280 mm	+20°C
LAB-H-801-364	1,000 - 1,200 : 0,002 g/cm <sup>3</sup>	280 mm	+20°C
LAB-H-801-366	1,200 - 1,400 : 0,002 g/cm <sup>3</sup>	280 mm	+20°C
LAB-H-801-368	1,400 - 1,600 : 0,002 g/cm <sup>3</sup>	280 mm	+20°C
LAB-H-801-370	1,600 - 1,800 : 0,002 g/cm <sup>3</sup>	280 mm	+20°C
LAB-H-801-372	1,800 - 2,000 : 0,002 g/cm <sup>3</sup>	280 mm	+20°C

*Thermo-Hydrometer with thermometer – long form – (Scale 0.150 up to 0.250 g/cm<sup>3</sup>) - accuracy +/- 1 scale division*

Art. no.	Range	Length	Ref. temp.	Thermometer scale
LAB-H-801-490	0,600 - 0,800 : 0,002 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-492	0,800 - 1,000 : 0,002 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-494	1,000 - 1,200 : 0,002 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-496	1,200 - 1,400 : 0,002 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-498	1,400 - 1,600 : 0,002 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-500	1,600 - 1,800 : 0,002 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C
LAB-H-801-502	1,800 - 2,000 : 0,002 g/cm <sup>3</sup>	350 mm	+20°C	0..+40:1°C

*Hydrometer without thermometer – long form – (Scale 0.300 up to 0.500 g/cm<sup>3</sup>) - accuracy +/- 1 scale division*

Art. no.	Range	Length	Ref. temp.
LAB-H-801-620	0,700 - 1,000 : 0,005 g/cm <sup>3</sup>	280-300 mm	+20°C
LAB-H-801-622	1,000 - 1,300 : 0,005 g/cm <sup>3</sup>	280-300 mm	+20°C
LAB-H-801-624	1,000 - 1,500 : 0,005 g/cm <sup>3</sup>	280-300 mm	+20°C
LAB-H-801-626	1,300 - 1,600 : 0,005 g/cm <sup>3</sup>	280-300 mm	+20°C
LAB-H-801-628	1,500 - 2,000 : 0,005 g/cm <sup>3</sup>	280-300 mm	+20°C
LAB-H-801-630	2,000 - 2,500 : 0,005 g/cm <sup>3</sup>	280-300 mm	+20°C
LAB-H-801-632	2,500 - 3,000 : 0,005 g/cm <sup>3</sup>	280-300 mm	+20°C

*Thermo-Hydrometer with thermometer – long form – (Scale 0.150 up to 0.250 g/cm<sup>3</sup>) - accuracy +/- 1 scale division*

Art. no.	Range	Length	Ref. temp.	Thermometer scale
LAB-H-801-680	0,700 - 1,000 : 0,005 g/cm <sup>3</sup>	280-350 mm	+20°C	0..+40:1°C
LAB-H-801-682	1,000 - 1,500 : 0,005 g/cm <sup>3</sup>	280-350 mm	+20°C	0..+40:1°C
LAB-H-801-684	1,500 - 2,000 : 0,005 g/cm <sup>3</sup>	280-350 mm	+20°C	0..+40:1°C

*Hydrometer without thermometer – long form – (Scale 1.000 up to 1.300 g/cm<sup>3</sup>) - accuracy +/- 1 scale division*

Art. no.	Range	Length	Ref. temp.
LAB-H-801-800	0,700 - 2,000 : 0,02 g/cm <sup>3</sup>	280-350 mm	+20°C
LAB-H-801-804	1,000 - 2,000 : 0,01 g/cm <sup>3</sup>	280-350 mm	+20°C

## Specific Gravity Hydrometers

### General purpose hydrometers for the ranges of 0,600sp gr up to 2,000sp gr

*Hydrometer without thermometer – long form – accuracy +/- 1 scale division*

Art. no.	Range	Length	Ref. temp.
LAB-H-801-850	0,600 - 0,700 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-852	0,700 - 0,800 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-854	0,800 - 0,900 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-856	0,900 - 1,000 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-858	1,000 - 1,100 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-860	1,100 - 1,200 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-862	1,200 - 1,300 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-864	1,300 - 1,400 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-866	1,400 - 1,500 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-868	1,500 - 1,600 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-870	1,600 - 1,700 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-872	1,700 - 1,800 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-874	1,800 - 1,900 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F



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LAB-H-801-876	1,900 - 2,000 : 0,001 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-890	0,600 - 0,800 : 0,002 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-892	0,800 - 1,000 : 0,002 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-894	1,000 - 1,200 : 0,002 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-896	1,200 - 1,400 : 0,002 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-898	1,400 - 1,600 : 0,002 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-900	1,600 - 1,800 : 0,002 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-902	1,800 - 2,000 : 0,002 sp gr	300 mm	+28.9/28.9°C – 89°F
LAB-H-801-920	0,700 - 1,000 : 0,005 sp gr	285 mm	+28.9/28.9°C – 89°F
LAB-H-801-922	1,000 - 1,500 : 0,005 sp gr	285 mm	+28.9/28.9°C – 89°F
LAB-H-801-924	1,500 - 2,000 : 0,005 sp gr	285 mm	+28.9/28.9°C – 89°F

### Density Hydrometers according to international standards

#### High-precision hydrometers for the density range of 0,600g/cm<sup>3</sup> up to 2,000g/cm<sup>3</sup>

*Hydrometer series L20 without thermometer – long form – accuracy +/- 1 scale division*

Art. no.	Type	Range	Length	Standard	Ref. temp.
LAB-H-805-008	L20-068	0,6800 - 0,7000 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-010	L20-070	0,7000 - 0,7200 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-012	L20-072	0,7200 - 0,7400 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-014	L20-074	0,7400 - 0,7600 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-016	L20-076	0,7600 - 0,7800 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-018	L20-078	0,7800 - 0,8000 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-020	L20-080	0,8000 - 0,8200 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-022	L20-082	0,8200 - 0,8400 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-024	L20-084	0,8400 - 0,8600 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-026	L20-086	0,8600 - 0,8800 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-028	L20-088	0,8800 - 0,9000 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-030	L20-090	0,9000 - 0,9200 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-032	L20-092	0,9200 - 0,9400 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-034	L20-094	0,9400 - 0,9600 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-036	L20-096	0,9600 - 0,9800 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-038	L20-098	0,9800 - 1,0000 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-040	L20-100	1,0000 - 1,0200 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-042	L20-102	1,0200 - 1,0400 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-044	L20-104	1,0400 - 1,0600 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-046	L20-106	1,0600 - 1,0800 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C
LAB-H-805-048	L20-108	1,0800 - 1,1000 : 0,0002 g/cm <sup>3</sup>	430 mm	DIN 12 791 / BS 718	+20°C

*Hydrometer series L50 without thermometer – long form – accuracy +/- 1 scale division*

Art. no.	Type	Range	Length	Standard	Ref. temp.
LAB-H-806-200	L50-060	0,600 - 0,650 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-202	L50-065	0,650 - 0,700 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-204	L50-070	0,700 - 0,750 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-206	L50-075	0,750 - 0,800 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-208	L50-080	0,800 - 0,850 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-210	L50-085	0,850 - 0,900 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-212	L50-090	0,900 - 0,950 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-214	L50-095	0,950 - 1,000 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-216	L50-100	1,000 - 1,050 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-218	L50-105	1,050 - 1,100 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-220	L50-110	1,100 - 1,150 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-222	L50-115	1,150 - 1,200 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-224	L50-120	1,200 - 1,250 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-226	L50-125	1,250 - 1,300 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-228	L50-130	1,300 - 1,350 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-230	L50-135	1,350 - 1,400 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-232	L50-140	1,400 - 1,450 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-234	L50-145	1,450 - 1,500 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-236	L50-150	1,500 - 1,550 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-238	L50-155	1,550 - 1,600 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-240	L50-160	1,600 - 1,650 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-242	L50-165	1,650 - 1,700 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-244	L50-170	1,700 - 1,750 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-246	L50-175	1,750 - 1,800 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-248	L50-180	1,800 - 1,850 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-250	L50-185	1,850 - 1,900 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-252	L50-190	1,900 - 1,950 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C
LAB-H-806-254	L50-195	1,950 - 2,000 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+20°C



# Hydrometers / Thermo-hydrometers

## Specific Gravity

### Hydrometer series L50SP precision without thermometer – long form – accuracy +/- 0.0003 g/cm<sup>3</sup>

Art. no.	Type	Range	Length	Standard	Ref. temp.
LAB-H-806-300	L50-060	0,600 - 0,650 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN 12 791 / BS 718	+15°C
LAB-H-806-302	L50-065	0,650 - 0,700 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN12 791 / BS 718	+15°C
LAB-H-806-304	L50-070	0,700 - 0,750 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN12 791 / BS 718	+15°C
LAB-H-806-306	L50-075	0,750 - 0,800 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN12 791 / BS 718	+15°C
LAB-H-806-308	L50-080	0,800 - 0,850 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN12 791 / BS 718	+15°C
LAB-H-806-310	L50-085	0,850 - 0,900 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN12 791 / BS 718	+15°C
LAB-H-806-312	L50-090	0,900 - 0,950 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN12 791 / BS 718	+15°C
LAB-H-806-314	L50-095	0,950 - 1,000 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN12 791 / BS 718	+15°C
LAB-H-806-316	L50-100	1,000 - 1,050 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN12 791 / BS 718	+15°C
LAB-H-806-318	L50-105	1,050 - 1,100 : 0,0005 g/cm <sup>3</sup>	335 mm	DIN12 791 / BS 718	+15°C

### Hydrometer series M50 without thermometer – short form – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Standard	Ref. temp.
LAB-H-808-000	M50-060	0,600 - 0,650 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-002	M50-065	0,650 - 0,700 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-004	M50-070	0,700 - 0,750 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-006	M50-075	0,750 - 0,800 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-008	M50-080	0,800 - 0,850 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-010	M50-085	0,850 - 0,900 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-012	M50-090	0,900 - 0,950 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-014	M50-095	0,950 - 1,000 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-016	M50-100	1,000 - 1,050 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-018	M50-105	1,050 - 1,100 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-020	M50-110	1,100 - 1,150 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-022	M50-115	1,150 - 1,200 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-024	M50-120	1,200 - 1,250 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-026	M50-125	1,250 - 1,300 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-028	M50-130	1,300 - 1,350 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-030	M50-135	1,350 - 1,400 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-032	M50-140	1,400 - 1,450 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-034	M50-145	1,450 - 1,500 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-036	M50-150	1,500 - 1,550 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-038	M50-155	1,550 - 1,600 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-040	M50-160	1,600 - 1,650 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-042	M50-165	1,650 - 1,700 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-044	M50-170	1,700 - 1,750 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-046	M50-175	1,750 - 1,800 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-048	M50-180	1,800 - 1,850 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-050	M50-185	1,850 - 1,900 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-052	M50-190	1,900 - 1,950 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C
LAB-H-808-054	M50-195	1,950 - 2,000 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+20°C

### Hydrometer series M50SP precision without thermometer – short form – accuracy +/- 0.0006 g/cm<sup>3</sup>

Art. no.	Type	Range	Length	Standard	Ref. temp.
LAB-H-808-100	M50-060	0,600 - 0,650 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+15°C
LAB-H-808-102	M50-065	0,650 - 0,700 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+15°C
LAB-H-808-104	M50-070	0,700 - 0,750 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+15°C
LAB-H-808-106	M50-075	0,750 - 0,800 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+15°C
LAB-H-808-108	M50-080	0,800 - 0,850 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+15°C
LAB-H-808-110	M50-085	0,850 - 0,900 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+15°C
LAB-H-808-112	M50-090	0,900 - 0,950 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+15°C
LAB-H-808-114	M50-095	0,950 - 1,000 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+15°C
LAB-H-808-116	M50-100	1,000 - 1,050 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+15°C
LAB-H-808-118	M50-105	1,050 - 1,100 : 0,001 g/cm <sup>3</sup>	270 mm	DIN 12 791 / BS 718	+15°C

### Hydrometer series M100 without thermometer – short form – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Standard	Ref. temp.
LAB-H-809-600	M100-060	0,600 - 0,700 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-602	M100-070	0,700 - 0,800 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-604	M100-080	0,800 - 0,900 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-606	M100-090	0,900 - 1,000 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-608	M100-100	1,000 - 1,100 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-610	M100-110	1,100 - 1,200 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-612	M100-120	1,200 - 1,300 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-614	M100-130	1,300 - 1,400 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-616	M100-140	1,400 - 1,500 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-618	M100-150	1,500 - 1,600 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-620	M100-160	1,600 - 1,700 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-622	M100-170	1,700 - 1,800 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-624	M100-180	1,800 - 1,900 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C
LAB-H-809-626	M100-190	1,900 - 2,000 : 0,002 g/cm <sup>3</sup>	250 mm	DIN 12 791 / BS 718	+20°C





# Hydrometers / Thermo-hydrometers

## Specific Gravity

### Hydrometer series M100 with thermometer – long form – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Standard	Ref. temp.	Thermom. scale
LAB-H-809-730	M100/TH-060	0,600 - 0,700 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-732	M100/TH-070	0,700 - 0,800 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-734	M100/TH-080	0,800 - 0,900 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-736	M100/TH-090	0,900 - 1,000 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-738	M100/TH-100	1,000 - 1,100 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-740	M100/TH-110	1,100 - 1,200 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-742	M100/TH-120	1,200 - 1,300 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-744	M100/TH-130	1,300 - 1,400 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-746	M100/TH-140	1,400 - 1,500 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-748	M100/TH-150	1,500 - 1,600 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-750	M100/TH-160	1,600 - 1,700 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-752	M100/TH-170	1,700 - 1,800 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-754	M100/TH-180	1,800 - 1,900 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C
LAB-H-809-756	M100/TH-190	1,900 - 2,000 : 0,002 g/cm <sup>3</sup>	310 mm	DIN 12 791 / BS 718	+20°C	0+30 :1°C

### Hydrometer series S50 without thermometer – short form – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Standard	Ref. temp.
LAB-H-811-100	S50-060	0,60 - 0,65 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-102	S50-060	0,65 - 0,70 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-104	S50-070	0,70 - 0,75 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-106	S50-075	0,75 - 0,80 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-108	S50-080	0,80 - 0,85 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-110	S50-085	0,85 - 0,90 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-112	S50-090	0,90 - 0,95 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-114	S50-095	0,95 - 1,00 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-116	S50-100	1,00 - 1,05 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-118	S50-105	1,05 - 1,10 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-120	S50-110	1,10 - 1,15 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-122	S50-115	1,15 - 1,20 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-124	S50-120	1,20 - 1,25 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-126	S50-125	1,25 - 1,30 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-128	S50-130	1,30 - 1,35 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-130	S50-135	1,35 - 1,40 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-132	S50-140	1,40 - 1,45 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-134	S50-145	1,45 - 1,50 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-136	S50-150	1,50 - 1,55 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-138	S50-155	1,55 - 1,60 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-140	S50-160	1,60 - 1,65 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-142	S50-165	1,65 - 1,70 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-144	S50-170	1,70 - 1,75 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-146	S50-175	1,75 - 1,80 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-148	S50-180	1,80 - 1,85 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-150	S50-185	1,85 - 1,90 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-152	S50-190	1,90 - 1,95 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C
LAB-H-811-154	S50-195	1,95 - 2,00 : 0,002 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+20°C

### Hydrometer series S50 SP precision without thermometer – short form – accuracy +/- 0.001 g/cm<sup>3</sup>

Art. no.	Type	Range	Length	Standard	Ref. temp.
LAB-H-811-200	S50-060	0,60 - 0,65 : 0,001 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+15°C
LAB-H-811-202	S50-065	0,65 - 0,70 : 0,001 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+15°C
LAB-H-811-204	S50-070	0,70 - 0,75 : 0,001 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+15°C
LAB-H-811-206	S50-075	0,75 - 0,80 : 0,001 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+15°C
LAB-H-811-208	S50-080	0,80 - 0,85 : 0,001 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+15°C
LAB-H-811-210	S50-085	0,85 - 0,90 : 0,001 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+15°C
LAB-H-811-212	S50-090	0,90 - 0,95 : 0,001 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+15°C
LAB-H-811-214	S50-095	0,95 - 1,00 : 0,001 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+15°C
LAB-H-811-216	S50-100	1,00 - 1,05 : 0,001 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+15°C
LAB-H-811-218	S50-105	1,05 - 1,10 : 0,001 g/cm <sup>3</sup>	190 mm	DIN 12 791 / BS 718	+15°C

### Laboratory Hydrometer without thermometer – short form – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Standard	Ref. temp.
LAB-H-820-290	1	0,630 - 0,715 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-292	2	0,715 - 0,788 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-294	3	0,788 - 0,860 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-296	4	0,860 - 0,930 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-298	5	0,930 - 1,000 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-300	6	1,000 - 1,110 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-302	7	1,090 - 1,210 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-304	8	1,190 - 1,310 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C



# Hydrometers / Thermo-hydrometers Specific Gravity

LAB-H-820-306	9	1,290 - 1,410 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-308	10	1,390 - 1,510 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-310	11	1,490 - 1,610 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-312	12	1,600 - 1,720 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-314	13	1,720 - 1,842 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C
LAB-H-820-316	14	1,842 - 2,000 : 0,001 g/cm <sup>3</sup>	225 mm	DIN 12 791	+20°C

## Hydrometers According to ASTM - High-precision hydrometers for the ranges of -1 upto +101°API from 0,065 up to 1,850 sp gr and from 600 up to 1100 kg/m<sup>3</sup>

API Gravity Hydrometer without thermometer – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Ref. temp.
LAB-H-825-000	1H-62	-1 + 11 : 0,1° API	330 mm	60°F
LAB-H-825-002	2H-62	9 + 21 : 0,1° API	330 mm	60°F
LAB-H-825-004	3H-62	19 + 31 : 0,1° API	330 mm	60°F
LAB-H-825-006	4H-62	29 + 41 : 0,1° API	330 mm	60°F
LAB-H-825-008	5H-62	39 + 51 : 0,1° API	330 mm	60°F
LAB-H-825-010	6H-62	49 + 61 : 0,1° API	330 mm	60°F
LAB-H-825-012	7H-62	59 + 71 : 0,1° API	330 mm	60°F
LAB-H-825-014	8H-62	69 + 81 : 0,1° API	330 mm	60°F
LAB-H-825-016	9H-62	79 + 91 : 0,1° API	330 mm	60°F
LAB-H-825-018	10H-62	89 + 101 : 0,1° API	330 mm	60°F
LAB-H-825-120	21H-62	0 + 6 : 0,1° API	163 mm	60°F
LAB-H-825-122	22H-62	5 + 11 : 0,1° API	163 mm	60°F
LAB-H-825-124	23H-62	10 + 16 : 0,1° API	163 mm	60°F
LAB-H-825-126	24H-62	15 + 21 : 0,1° API	163 mm	60°F
LAB-H-825-128	25H-62	20 + 26 : 0,1° API	163 mm	60°F
LAB-H-825-130	26H-62	25 + 31 : 0,1° API	163 mm	60°F
LAB-H-825-132	27H-62	30 + 36 : 0,1° API	163 mm	60°F
LAB-H-825-134	28H-62	35 + 41 : 0,1° API	163 mm	60°F
LAB-H-825-136	29H-62	40 + 46 : 0,1° API	163 mm	60°F
LAB-H-825-138	30H-62	45 + 51 : 0,1° API	163 mm	60°F
LAB-H-825-140	31H-62	50 + 56 : 0,1° API	163 mm	60°F
LAB-H-825-142	32H-62	55 + 61 : 0,1° API	163 mm	60°F
LAB-H-825-144	33H-62	60 + 66 : 0,1° API	163 mm	60°F
LAB-H-825-146	34H-62	65 + 71 : 0,1° API	163 mm	60°F
LAB-H-825-148	35H-62	70 + 76 : 0,1° API	163 mm	60°F
LAB-H-825-150	36H-62	75 + 81 : 0,1° API	163 mm	60°F
LAB-H-825-152	37H-62	80 + 86 : 0,1° API	163 mm	60°F
LAB-H-825-154	38H-62	85 + 91 : 0,1° API	163 mm	60°F
LAB-H-825-156	39H-62	90 + 96 : 0,1° API	163 mm	60°F
LAB-H-825-158	40H-62	95 + 101 : 0,1° API	163 mm	60°F

Specific Gravity Hydrometer without thermometer – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Ref. temp.
LAB-H-826-500	82H-62	0,650 – 0,700 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-502	83H-62	0,700 – 0,750 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-504	84H-62	0,750 – 0,800 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-506	85H-62	0,800 – 0,850 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-508	86H-62	0,850 – 0,900 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-510	87H-62	0,900 – 0,950 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-512	88H-62	0,950 – 1,000 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-514	89H-62	1,000 – 1,050 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-516	90H-62	1,050 – 1,100 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-628	98H-62	0,950 – 1,000 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-630	111H-62	1,000 – 1,050 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-632	112H-62	1,050 – 1,100 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-634	113H-62	1,100 – 1,150 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-636	114H-62	1,150 – 1,200 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-638	115H-62	1,200 – 1,250 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-640	116H-62	1,250 – 1,300 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-642	117H-62	1,300 – 1,350 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-644	118H-62	1,350 – 1,400 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-646	119H-62	1,400 – 1,450 : 0,0005 sp gr	330 mm	60/60 °F
LAB-H-826-648	120H-62	1,450 – 1,500 : 0,0005 sp gr	330 mm	60/60 °F

Specific Gravity Hydrometer without thermometer – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Ref. temp.	Thermometer scale
LAB-H-826-760	101H	0,500 – 0,650 : 0,001 sp gr	360 mm	60/60 °F	+30+90: 1 °F



# Hydrometers / Thermo-hydrometers Specific Gravity

## Specific Gravity Hydrometer without thermometer – short form – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Ref. temp.
LAB-H-826-780	102H-62	0,650 – 0,700 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-782	103H-62	0,700 – 0,750 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-784	104H-62	0,750 – 0,800 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-786	105H-62	0,800 – 0,850 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-788	106H-62	0,850 – 0,900 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-790	107H-62	0,900 – 0,950 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-792	108H-62	0,950 – 1,000 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-910	125H-62	1,000 – 1,050 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-912	126H-62	1,050 – 1,100 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-914	127H-62	1,100 – 1,150 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-916	128H-62	1,150 – 1,200 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-918	129H-62	1,200 – 1,250 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-920	130H-62	1,250 – 1,300 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-922	131H-62	1,300 – 1,350 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-924	132H-62	1,350 – 1,400 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-926	133H-62	1,400 – 1,450 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-928	134H-62	1,450 – 1,500 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-930	135H-62	1,500 – 1,550 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-932	136H-62	1,550 – 1,600 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-934	137H-62	1,600 – 1,650 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-936	138H-62	1,650 – 1,700 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-938	139H-62	1,700 – 1,750 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-940	140H-62	1,750 – 1,800 : 0,001 sp gr	260 mm	60/60 °F
LAB-H-826-942	141H-62	1,800 – 1,850 : 0,001 sp gr	260 mm	60/60 °F

## Density Hydrometer with thermometer – long form – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Ref. temp.	Thermometer scale
LAB-H-827-100	S500HL-14	600 – 650 : 0,5 kg/m <sup>3</sup>	380 mm	15°C	-20+65: 1 °C
LAB-H-827-102	S501HL-14	650 – 700 : 0,5 kg/m <sup>3</sup>	380 mm	15°C	-20+65: 1 °C
LAB-H-827-104	S502HL-14	700 – 750 : 0,5 kg/m <sup>3</sup>	380 mm	15°C	-20+65: 1 °C
LAB-H-827-106	S503HL-14	750 – 800 : 0,5 kg/m <sup>3</sup>	380 mm	15°C	-20+65: 1 °C
LAB-H-827-108	S504HL-14	800 – 850 : 0,5 kg/m <sup>3</sup>	380 mm	15°C	-20+65: 1 °C
LAB-H-827-110	S505HL-14	850 – 900 : 0,5 kg/m <sup>3</sup>	380 mm	15°C	-20+65: 1 °C
LAB-H-827-112	S506HL-14	900 – 950 : 0,5 kg/m <sup>3</sup>	380 mm	15°C	-20+65: 1 °C
LAB-H-827-114	S507HL-14	950 – 1000 : 0,5 kg/m <sup>3</sup>	380 mm	15°C	-20+65: 1 °C
LAB-H-827-116	S508HL-14	1000 – 1050 : 0,5 kg/m <sup>3</sup>	380 mm	15°C	-20+65: 1 °C
LAB-H-827-118	S509HL-14	1050 – 1100 : 0,5 kg/m <sup>3</sup>	380 mm	15°C	-20+65: 1 °C

## Density Hydrometer with thermometer – long form – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Ref. temp.	Thermometer scale
LAB-H-826-764	310H	500 – 650 : 1 kg/m <sup>3</sup>	390 mm	15°C	0+35: 0,5 °C

## Density Hydrometer without thermometer – long form – accuracy +/- 1 scale division

Art. no.	Type	Range	Length	Ref. temp.
LAB-H-827-130	311H - 82	600 – 650 : 0,5 kg/m <sup>3</sup>	330 mm	15°C
LAB-H-827-132	312H - 82	650 – 700 : 0,5 kg/m <sup>3</sup>	330 mm	15°C
LAB-H-827-134	313H - 82	700 – 750 : 0,5 kg/m <sup>3</sup>	330 mm	15°C
LAB-H-827-136	314H - 82	750 – 800 : 0,5 kg/m <sup>3</sup>	330 mm	15°C
LAB-H-827-138	315H - 82	800 – 850 : 0,5 kg/m <sup>3</sup>	330 mm	15°C
LAB-H-827-140	316H - 82	850 – 900 : 0,5 kg/m <sup>3</sup>	330 mm	15°C
LAB-H-827-142	317H - 82	900 – 950 : 0,5 kg/m <sup>3</sup>	330 mm	15°C
LAB-H-827-144	318H - 82	950 – 1000 : 0,5 kg/m <sup>3</sup>	330 mm	15°C
LAB-H-827-146	319H - 82	1000 – 1050 : 0,5 kg/m <sup>3</sup>	330 mm	15°C
LAB-H-827-148	320H - 82	1050 – 1100 : 0,5 kg/m <sup>3</sup>	330 mm	15°C

## Hydrometers for Mineral Oil and Liquefied Gas Testing.

Reliable instruments for determination of density, material and quality in different special ranges.

## Hydrometers for Mineral oil testing, with thermometer – long form – accuracy +/- 1 scale division

Art. no.	Range	Length	Ref. temp.	Thermometer scale
LAB-H-838-140	0,610 - 0,700 : 0,001 g/cm <sup>3</sup>	380 mm	15°C	-20+60 : 1°C
LAB-H-838-142	0,680 - 0,770 : 0,001 g/cm <sup>3</sup>	380 mm	15°C	-20+60 : 1°C
LAB-H-838-144	0,750 - 0,840 : 0,001 g/cm <sup>3</sup>	380 mm	15°C	-20+60 : 1°C
LAB-H-838-146	0,820 - 0,910 : 0,001 g/cm <sup>3</sup>	380 mm	15°C	-20+60 : 1°C
LAB-H-838-148	0,890 - 0,990 : 0,001 g/cm <sup>3</sup>	380 mm	15°C	-20+60 : 1°C
LAB-H-838-150	0,980 - 1,100 : 0,001 g/cm <sup>3</sup>	380 mm	15°C	-20+60 : 1°C





# Hydrometers / Thermo-hydrometers Specific Gravity

*Hydrometers for Mineral oil testing, customs examinations, with thermometer – long form – accuracy +/- 1 scale division*

Art. no.	Range	Length	Ref. temp.	Thermometer scale
LAB-H-838-380	0,645 - 0,705 : 0,0005 g/cm <sup>3</sup>	420 mm	15°C	-10+60 : 0,5°C
LAB-H-838-382	0,695 - 0,755 : 0,0005 g/cm <sup>3</sup>	420 mm	15°C	-10+60 : 0,5°C
LAB-H-838-384	0,745 - 0,805 : 0,0005 g/cm <sup>3</sup>	420 mm	15°C	-10+60 : 0,5°C
LAB-H-838-386	0,795 - 0,855 : 0,0005 g/cm <sup>3</sup>	420 mm	15°C	-10+60 : 0,5°C
LAB-H-838-388	0,845 - 0,905 : 0,0005 g/cm <sup>3</sup>	420 mm	15°C	-10+60 : 0,5°C
LAB-H-838-390	0,895 - 0,955 : 0,0005 g/cm <sup>3</sup>	420 mm	15°C	-10+60 : 0,5°C
LAB-H-838-392	0,945 - 1,005 : 0,0005 g/cm <sup>3</sup>	420 mm	15°C	-10+60 : 0,5°C

*Hydrometers for Liquefied Gas, for overpressure of 14 bar, with thermometer – long form – accuracy +/- 1 scale division*

Art. no.	Range	Length	Ref. temp.	Thermometer scale
LAB-H-838-760	0,500 - 0,550 : 0,001 g/cm <sup>3</sup>	360 mm	15°C	0+30 : 1°C
LAB-H-838-762	0,550 - 0,600 : 0,001 g/cm <sup>3</sup>	360 mm	15°C	0+30 : 1°C
LAB-H-838-764	0,600 - 0,650 : 0,001 g/cm <sup>3</sup>	360 mm	15°C	0+30 : 1°C
LAB-H-838-768	0,500 - 0,650 : 0,001 g/cm <sup>3</sup>	360 mm	15°C	0+30 : 1°C

## Hydrometers for Special Applications.

**Reliable instruments for determination of density, material and quality in different special ranges**

Art. no.	Type	Range	Length	Ref. temp.
LAB-H-851-500	Battery tester	1,10 – 1,30 g/ml	260 mm	15°C
LAB-H-851-710	Anti-freeze tester	-50 – 0°C, 0 – 57%vol	300 mm	15°C
LAB-H-860-580	Latexometers	50-250 : 10g/l	240 mm	84°F/28,9°C
LAB-H-860-582	Latexometers	50-450 : 10g/l	210 mm	84°F/28,9°C
LAB-H-860-590	Hydrogen Peroxide	10-40 : 0,5 mas%	270 mm	15°C
LAB-H-860-600	Ammonia	0-35 : 1 mas%	270 mm	15°C
LAB-H-860-604	Chloride of Lime	0-25 : 0,5 mas%	270 mm	20°C
LAB-H-860-608	Vinegar Tester	0-75 : 1 mas%	270 mm	15°C
LAB-H-860-616	Brine According to Bischoff	0-27 : 1 mas%	270 mm	15°C
LAB-H-860-620	Glues tester according to Suhr	0-56 : 1 mas%	415 mm	75°C
LAB-H-860-626	Nitric Acid	0-47 : 1 mas%	270 mm	15°C
LAB-H-860-628	Nitric Acid	45-96 : 1 mas%	270 mm	15°C
LAB-H-860-630	Hydrochloride Acide	0-39 : 1 mas%	270 mm	15°C
LAB-H-860-634	Sulphuric Acid	45-95 : 1 mas%	270 mm	15°C
LAB-H-860-636	Sulphurous Acid	0-10 : 1 mas%	260 mm	15°C
LAB-H-860-638	Phosphor Acid	0-25 : 1 mas%	260 mm	20°C
LAB-H-860-640	Phosphor Acid	0-75 : 1 mas%	300 mm	20°C
LAB-H-860-660	Potassium Hydroxide	0-50 : 1 mas%	280 mm	20°C
LAB-H-860-664	Sodium Hydroxide	0-27 : 0,5 mas%	270 mm	15°C
LAB-H-860-666	Sodium Hydroxide	25-50 : 1 mas%	270 mm	15°C
LAB-H-860-680	Milk of Lime	0 -50 g/l	260 mm	20°C
LAB-H-860-682	Milk of Lime	1,000 – 1,300 : 0,002 g/cm <sup>3</sup>	325 mm	20°C
LAB-H-860-686	Milk of Lime	0-340 g/l	290 mm	20°C

  

Art. no.	Type	Range	Length	Ref. temp.	Thermometer scale
LAB-H-860-632	Sulphuric Acid	0-45 : 1 mas%	270 mm	15°C	+30+85 : 1 °C
LAB-H-860-720	Glycerine Tester	0-100 : 1% mas	360 mm	15°C	0+35 : 1 °C