

Specific Gravity Hydrometers

Specific gravity hydrometers measure the ratio of the density of a sample compared to the density of pure water at the same temperature. The temperature standard for these hydrometers is 60°F (15.6°C).

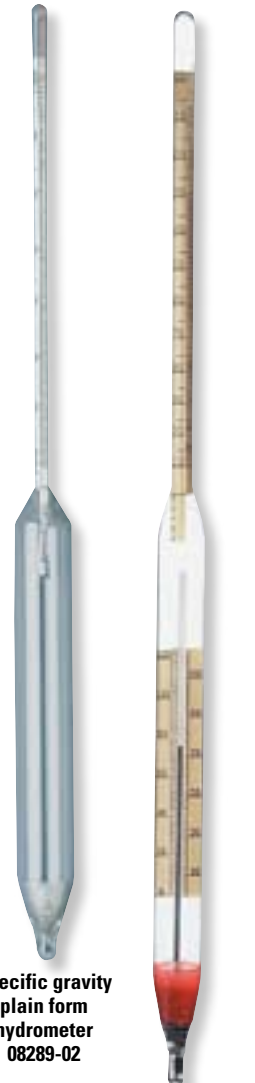
Specific Gravity Hydrometers, Plain Form. For liquids lighter than water.

General purpose		General purpose		ASTM [†]			Precision [†]	
0.002 divisions 150 mm L		0.001 divisions 300 mm L		0.001 divisions 260 mm L			0.0005 divisions 325 mm L	
Cat. no.	Range	Cat. no.	Range	Cat. no.	ASTM no.	Range	Cat. no.	Range
==	—	==	—	==	—	—	KH-08292-02	0.600 to 0.660
==	—	==	—	KH-08288-00	102H	0.650 to 0.700	KH-08292-04	0.650 to 0.710
KH-08290-10	0.700 to 0.800	KH-08290-05	0.700 to 0.810	KH-08288-02	103H	0.700 to 0.750	KH-08292-06	0.700 to 0.770
KH-08290-20	0.800 to 0.900	KH-08290-15	0.800 to 0.910	KH-08288-04	104H	0.750 to 0.800	KH-08292-08	0.760 to 0.830
KH-08290-30	0.900 to 1.000	KH-08290-25	0.900 to 1.000	KH-08288-06	105H	0.800 to 0.850	KH-08292-10	0.820 to 0.890
				KH-08288-08	106H	0.850 to 0.900	==	—
				KH-08288-10	107H	0.900 to 0.950	KH-08292-12	0.880 to 0.950
				KH-08288-12	108H	0.950 to 1.000	KH-08292-14	0.940 to 1.010
Price*		Price*		Price*			Price*	

Specific Gravity Hydrometers, Plain Form. For liquids heavier than water.

General purpose		General purpose		ASTM [†]			Precision [†]	
0.005 divisions 150 mm L		0.002 divisions 300 mm L		0.001 divisions 260 mm L			0.0005 divisions 325 mm L	
Cat. no.	Range	Cat. no.	Range	Cat. no.	ASTM no.	Range	Cat. no.	Range
KH-08291-10	1.000 to 1.225	KH-08291-05	1.000 to 1.220	KH-08289-00	125H	1.000 to 1.050	KH-08292-16	1.000 to 1.070
				KH-08289-02	126H	1.050 to 1.100	KH-08292-18	1.060 to 1.130
				KH-08289-04	127H	1.100 to 1.150	KH-08292-20	1.120 to 1.190
				KH-08289-06	128H	1.150 to 1.200	==	—
				KH-08289-08	129H	1.200 to 1.250	KH-08292-22	1.180 to 1.250
KH-08291-20	1.200 to 1.425	KH-08291-15	1.200 to 1.420	KH-08289-10	130H	1.250 to 1.300	KH-08292-24	1.240 to 1.310
				KH-08289-12	131H	1.300 to 1.350	KH-08292-26	1.300 to 1.370
				KH-08289-14	132H	1.350 to 1.400	KH-08292-28	1.360 to 1.430
				KH-08289-16	133H	1.400 to 1.450	==	—
KH-08291-35	1.400 to 1.625	KH-08291-30	1.400 to 1.620	KH-08289-18	134H	1.450 to 1.500	KH-08292-30	1.420 to 1.490
				==	—	—	KH-08292-32	1.480 to 1.550
				==	—	—	KH-08292-34	1.540 to 1.610
				==	—	—	KH-08292-36	1.600 to 1.670
KH-08291-45	1.600 to 1.825	KH-08291-40	1.600 to 1.820	==	—	—	KH-08292-38	1.660 to 1.730
				==	—	—	==	—
KH-08291-65	1.800 to 2.000	KH-08291-60	1.800 to 2.000	==	—	—	KH-08292-40	1.720 to 1.790
				==	—	—	==	—
Price*		Price*		Price*			Price*	

[†]Other ASTM and precision models available by special order; call our Application Specialists for details.



Specific gravity plain form hydrometer 08289-02

Specific gravity combined form hydrometer 08297-70

Wide-Range Specific Gravity Hydrometers, Plain and Combined Form

Plain form hydrometers come without thermometers. All other models are combined form. Model number 08290-00 has a 30 to 90°F (–1 to 32°C) temperature range; all other models have a 20 to 120°F (–6 to 48°C) temperature range.

For Liquids Heavier than Water

Cat. no.	Range	Divisions	Length	Price*
Plain form hydrometers				
KH-08291-25	1.000 to 1.600	0.005	300 mm	
KH-08291-50	1.000 to 2.000	0.010	300 mm	
KH-08291-55	1.500 to 2.000	0.005	300 mm	
Combined form hydrometers				
KH-08291-82	1.000 to 1.600	0.010	150 mm	
KH-08291-80	1.000 to 2.000	0.010	150 mm	
KH-08291-84	1.500 to 2.000	0.010	150 mm	
Combined form hydrometers				
KH-08297-73	1.000 to 1.220	0.002	380 mm	
KH-08297-74	1.200 to 1.420	0.002	380 mm	
KH-08297-75	1.400 to 1.620	0.002	380 mm	
KH-08297-76	1.600 to 1.820	0.002	380 mm	
KH-08297-77	1.800 to 2.000	0.002	380 mm	

For Liquids Lighter than Water

Cat. no.	Range	Divisions	Length	Price*
Plain form hydrometers				
KH-08290-35	0.650 to 1.000	0.005	300 mm	
KH-08290-40	0.650 to 1.000	0.010	150 mm	
Combined form hydrometers				
KH-08290-00	0.500 to 0.650	0.001	380 mm	
KH-08297-70	0.700 to 0.810	0.001	380 mm	
KH-08297-71	0.800 to 0.910	0.001	380 mm	
KH-08297-72	0.900 to 1.000	0.001	380 mm	

Specific Gravity Hydrometer Set (not shown)

Use this specific gravity hydrometer set with liquids lighter and heavier than water. Includes eight plain form hydrometers ranging from 0.700 to 2.000, one thermometer with a range of –30 to 120°F, and a carrying case. See table at right for ranges and divisions of each hydrometer.

Cat. no.	Description	Length	Price*
KH-08285-90	Specific gravity hydrometer set	300 mm	—

Range	Division
0.700 to 0.810	0.001
0.800 to 0.910	0.001
0.895 to 1.000	0.001
1.000 to 1.220	0.002
1.200 to 1.420	0.002
1.400 to 1.620	0.002
1.600 to 1.820	0.002
1.800 to 2.000	0.002

GO to page(s) 762
For a felt-lined case to protect your glass hydrometers.