Hydrometers

- Temperature standard is 60°F (15.6°C)
- Plain form hydrometers are individually serialized for easy identification
- Ensure accuracy with multi language statement of accuracy supplied by manufacturer

Baumé Glass Hydrometer

Easy measurements of liquids heavier than water

Range	Divisions	Length	Catalog number	Price
0 to 12°	0.1°	300 mm	GY-08299-44	
9 to 21°	0.1°	300 mm	GY-08299-45	
19 to 31°	0.1°	300 mm	GY-08299-47	
29 to 41°	0.1°	300 mm	GY-08299-49	
39 to 51°	0.1°	300 mm	GY-08299-51	
49 to 61°	0.1°	300 mm	GY-08299-53	
59 to 71°	0.1°	300 mm	GY-08299-55	
0 to 35°	0.5°	300 mm	GY-08299-57	
35 to 70°	0.5°	300 mm	GY-08299-59	
0 to 50°	1°	300 mm	GY-08299-61	
0 to 70°	1°	300 mm	GY-08299-62	

GY-17107-00 **NIST-traceable calibration** with data for hydrometer

Teky's Tips

How to read a hydrometer

1. Pour your sample into a smooth, clear cylinder or jar that is dry or well rinsed with a portion of the sample.
2. Make sure that your sample is thoroughly mixed before testing.
3. Immerse the hydrometer in the liquid to a point slightly below the place where it naturally floats. Make sure the hydrometer and liquid are at rest and free of air bubbles.
4. Measure the temperature of the sample. Ideally, the sample temperature should be equal to the temperature standard of the hydrometer, generally 60°F (15.6°C). If temperature differences are unavoidable, correction tables can help to adjust readings—call our Application Specialists for information.
5. Take your reading at the point where the surface of the liquid crosses the hydrometer.

Specific Gravity and Baumé Dual-Scale Glass Hydrometers

Measure specific gravity and Baumé degrees in one unit

- Dual-scale for quick and easy measurement

Specific gravity		Baumé		Length	Catalog number	Price
Range	Divisions	Range	Divisions			
For liquids lighter than water						
0.700 to 1.000	0.01	10 to 70°	1°	165 mm	GY-08299-63	
0.690 to 0.800	0.002	43 to 70°	0.5°	165 mm	GY-08298-22	
0.790 to 0.900	0.002	24 to 45°	0.5°	165 mm	GY-08299-64	
0.890 to 1.000	0.002	10 to 25°	0.5°	165 mm	GY-08299-65	
For liquids heavier than water						
1.000 to 2.000	0.01	0 to 72°	1°	330 mm	GY-08299-78	
1.000 to 2.000	0.02	0 to 70°	2°	165 mm	GY-08299-66	
1.000 to 1.400	0.01	0 to 41°	1°	165 mm	GY-08299-67	
1.400 to 2.000	0.01	41 to 70°	1°	165 mm	GY-08299-68	
1.000 to 1.225	0.005	0 to 24°	1°	165 mm	GY-08299-70	
1.200 to 1.425	0.005	24 to 41°	1°	165 mm	GY-08299-72	
1.400 to 1.625	0.005	41 to 54°	1°	165 mm	GY-08299-74	
1.600 to 1.825	0.005	54 to 64°	1°	165 mm	GY-08299-76	
1.800 to 2.000	0.005	64 to 70°	1°	165 mm	GY-08298-24	

GY-17107-00 **NIST-traceable calibration** with data for hydrometer

Universal Specific Gravity and Baumé Dual-Scale Glass Hydrometer

Get specific gravity and Baumé degrees for liquids lighter and heavier than water

Specific gravity		Baumé		Length	Catalog number	Price
Range	Divisions	Range	Divisions			
0.700 to 2.000	0.02	70 to 100° light, 0 to 70° heavy	1°	381 mm	GY-08299-69	

GY-17107-00 **NIST-traceable calibration** with data for hydrometer