

H-B Instrument DURAC® 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
- All hydrometers are 100% non mercury

API Glass Hydrometers

Easily compare petroleum liquid densities to water

ASTM Hydrometers, plain form, are designed to conform to the accuracy requirements of ASTM, and have their scales affixed using a clear epoxy for increased durability. Feature metal ballast.

Precision Hydrometers, combined form, fuse together a hydrometer and thermometer into one convenient unit. These thermohydrometers have an organic performance liquid that is 100% mercury free and feature wax paraffin and steel shot ballast.



ASTM Hydrometers, plain form

ASTM no.	API range	Divisions	Length	Catalog number	Price
1H	-1 to 11°	0.1°	330 mm	GH-08299-23	
2H	9 to 21°	0.1°	330 mm	GH-08299-24	
3H	19 to 31°	0.1°	330 mm	GH-08299-25	
4H	29 to 41°	0.1°	330 mm	GH-08299-26	
5H	39 to 51°	0.1°	330 mm	GH-08299-27	
6H	49 to 61°	0.1°	330 mm	GH-08299-28	
7H	59 to 71°	0.1°	330 mm	GH-08299-29	
8H	69 to 81°	0.1°	330 mm	GH-08299-30	
9H	79 to 91°	0.1°	330 mm	GH-08299-31	
10H	89 to 101°	0.1°	330 mm	GH-08299-32	
21H	0 to 6°	0.1°	163 mm	GH-08299-33	
22H	5 to 11°	0.1°	163 mm	GH-08299-34	
23H	10 to 16°	0.1°	163 mm	GH-08299-35	
24H	15 to 21°	0.1°	163 mm	GH-08299-36	
25H	20 to 26°	0.1°	163 mm	GH-08299-37	
26H	25 to 31°	0.1°	163 mm	GH-08299-38	
27H	30 to 36°	0.1°	163 mm	GH-08299-39	
28H	35 to 41°	0.1°	163 mm	GH-08299-40	
29H	40 to 46°	0.1°	163 mm	GH-08299-41	
30H	45 to 51°	0.1°	163 mm	GH-08299-42	
31H	50 to 56°	0.1°	163 mm		

Precision Hydrometers, combined form

API range	Divisions	Temperature range	Divisions	Length	Catalog number	Price
-1 to 11°	0.1°	0 to 150°F	2°F	381 mm	GH-08299-75	
9 to 21°	0.1°	0 to 150°F	2°F	381 mm	GH-08299-77	
19 to 31°	0.1°	0 to 150°F	2°F	381 mm	GH-08299-79	
29 to 41°	0.1°	0 to 150°F	2°F	381 mm	GH-08299-80	
39 to 51°	0.1°	0 to 150°F	2°F	381 mm	GH-08299-81	
49 to 61°	0.1°	0 to 150°F	2°F	381 mm	GH-08299-83	
59 to 71°	0.1°	0 to 150°F	2°F	381 mm	GH-08299-85	
69 to 81°	0.1°	0 to 150°F	2°F	381 mm	GH-08299-87	
79 to 91°	0.1°	0 to 150°F	2°F	381 mm	GH-08299-89	
89 to 101°	0.1°	0 to 150°F	2°F	381 mm	GH-08299-91	

[GH-17107-00](#) NIST-traceable calibration with data for hydrometer

Alcohol Glass Hydrometers

Determine proof of ethyl alcohol spirits

- Made according to the Bureau of Internal Revenue, US Treasury Department
- Tolerances listed for these hydrometers are those outlined in Circular 555 of the National Bureau of Standards, Testing of Hydrometers

The dual-scale alcohol hydrometer features both Proof and Tralle scales. The Proof scale indicates the proof of alcohol at 60°F (15.6°C); the Tralle scale indicates percent ethyl alcohol by weight in water.



Internal Revenue code	Range	Divisions	Length	Catalog number	Price
Proof hydrometers					
F	0 to 20%	0.2%	300 mm	GH-08296-01	
G	20 to 40%	0.2%	300 mm	GH-08296-03	
H	40 to 60%	0.2%	300 mm	GH-08296-05	
I	60 to 80%	0.2%	300 mm	GH-08296-07	
K	75 to 95%	0.2%	300 mm	GH-08296-09	
L	90 to 110%	0.2%	300 mm	GH-08296-11	
M	105 to 125%	0.2%	300 mm	GH-08296-13	
N	125 to 145%	0.2%	300 mm	GH-08296-15	
P	145 to 165%	0.2%	300 mm	GH-08296-17	
Q	165 to 185%	0.2%	300 mm	GH-08296-19	
R	185 to 206%	0.2%	300 mm	GH-08296-21	
Dual-scale Proof/Tralle hydrometer					
—	Proof scale: 0 to 200%; Tralle scale: 0 to 100%	Proof scale: 2% Tralle scale: 1%	305 mm	GH-08285-58	

[GH-17107-00](#) NIST-traceable calibration with data for hydrometer

Calcium Chloride Salt Glass Hydrometers (Salometer)

Determine percent of saturation, specific gravity, or freezing point of calcium chloride (CaCl₂)



Range	Divisions	Length	Cat. no.	Price
0 to 120% saturation	1%	300 mm	GH-08299-21	
1.000 to 1.280 specific gravity; -40 to 30°F freezing point	0.2 specific gravity; 5°F freezing point	300 mm	GH-08299-22	

[GH-17107-00](#) NIST-traceable calibration with data for hydrometer

