

ASTMH001

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ASTM E 100 hydrometers - Low surface tension

The American Society for Testing and Materials (ASTM) Specification E 100 describes hydrometers using the API (American Petroleum Institute) scale and others in degrees Specific Gravity. These 330mm long plain hydrometers are adjusted at 60°F for petroleum products and other liquids of low surface tension. All hydrometers can be supplied with UKAS certification, certificate traceable to Recognised National Standard or Statement of Conformity, if required.

Product features:

- Adjusted at 60°F
- 330mm long
- Made in UK
- Supplied in protective, resealable plastic tube

Standard product specifications:

Material	Soda glass, steel shot ballast, synthetic wax resin
Ranges	See table
Overall length	330mm
Bulb diameter	26mm
Approx weight	100g (incl. 45g protective plastic tube)



Standard product numbers:

ASTM Number	API Range	Division	Product number
1H	-1 to 11	0.1	09/001/0
2H	9 to 21	0.1	09/002/0
3H	19 to 31	0.1	09/003/0
4H	29 to 41	0.1	09/004/0
5H	39 to 51	0.1	09/005/0
6H	49 to 61	0.1	09/006/0
7H	59 to 71	0.1	09/007/0
8H	69 to 81	0.1	09/008/0
9H	79 to 91	0.1	09/009/0
10H	89 to 101	0.1	09/010/0

ASTM Number	Range °SG	Division	Product number
82H	0.650 to 0.700°SG	0.0005	09/082/0
83H	0.700 to 0.750°SG	0.0005	09/083/0
84H	0.750 to 0.800°SG	0.0005	09/084/0
85H	0.800 to 0.850°SG	0.0005	09/085/0
86H	0.850 to 0.900°SG	0.0005	09/086/0
87H	0.900 to 0.950°SG	0.0005	09/087/0
88H	0.950 to 1.000°SG	0.0005	09/088/0
89H	1.000 to 1.050°SG	0.0005	09/089/0
90H	1.050 to 1.100°SG	0.0005	09/090/0

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