

ASTMH004

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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 Specific Gravity and Density. All hydrometers can be supplied with UKAS certification, certificate traceable to recognised national standard or statement of conformity, if required.

Product features:

- 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
Standard temp	15°C
Sub-divisions	0.5kg/m ³
Short intermediate lines	Every 1kg/m ³
Long intermediate lines	Every 5kg/m ³
Main (numbered) lines	Every 10kg/m ³
Length of nominal scale	125mm to 145mm
Scale error at any point not to exceed	0.5kg/m ³
Scale extension beyond nominal range limits	2.5kg/m ³
Overall length	325mm - 335mm
Bulb diameter	26mm
Approx weight	100g (incl. 45g protective plastic tube)

ASTM Number	Range kg/m ³	Division	Product number
311H-82	600 to 650 kg/m ³	0.5	09/311/0
312H-82	650 to 700 kg/m ³	0.5	09/312/0
313H-82	700 to 750 kg/m ³	0.5	09/313/0
314H-82	750 to 800 kg/m ³	0.5	09/314/0
315H-82	800 to 850 kg/m ³	0.5	09/315/0
316H-82	850 to 900 kg/m ³	0.5	09/316/0
317H-82	900 to 950 kg/m ³	0.5	09/317/0
318H-82	950 to 1000 kg/m ³	0.5	09/318/0
319H-82	1000 to 1050 kg/m ³	0.5	09/319/0
320H-82	1050 to 1100 kg/m ³	0.5	09/320/0
321H-03	775 to 825 kg/m ³	0.5	09/321/0*

*Suitable for aviation fuel

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