

## Hydrometers for petroleum

### BS 718 : 1991 Density Hydrometers - M50 SP Sub-Series Density Hydrometers

BS 718 : 1991 is generally aligned with ISO 387 and ISO 649.

This sub-series has a greater accuracy than the standard M50 Series, and is only available over a limited range of density. The length is 270mm and the range span covers 0.050g/ml with divisions to 0.001g/ml. They are adjusted at 15°C and suitable for low surface tension. This sub-series is commonly used in the Petroleum industry and corresponds to IP 160.

All hydrometers can be supplied with UKAS certification, certificate traceable to Recognised National Standard or Statement of Conformity, if required.

#### Product features:

- Higher accuracy than standard M50 series
- Adjusted at 15°C
- 270mm 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
Range span	0.050 g/ml at 20°C
Divisions	0.001 g/ml
Accuracy	0.001 g/ml
Overall length	270mm
Bulb diameter	20 - 24mm
Approx weight	62g (incl. 14g protective plastic tube)

#### Standard product numbers:

Range g/ml	To suit Surface Tension	Product Number
0.60 to 0.65	Low	10/450/0
0.65 to 0.70		10/451/0
0.70 to 0.75		10/452/0
0.75 to 0.80		10/453/0
0.80 to 0.85		10/454/0
0.85 to 0.90		10/455/0
0.90 to 0.95		10/456/0
0.95 to 1.00		10/457/0
1.00 to 1.05		10/458/0
1.05 to 1.10		10/459/0

