Product data sheet

SPH002 - SPECIAL PURPOSE SPECIFIC GRAVITY HYDROMETER - TWADDLE

The Twaddle scale is a simplified scale based on specific gravity where 0° Twaddle equates to SG60/60°F of 1.00 (that of water) and each degree Twaddle equals 0.005°SG. These hydrometers are available in 2 lengths, 160mm or 300mm, each with single degree divisions and are adjusted for use at 15.6°C (60°F) for medium surface tension liquids. 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 (15.6°C)
- Available in two lengths: 160mm and 300mm
- Made in UK
- Supplied in protective, resealable plastic tube

Product specifications:

Material: Soda glass, steel shot ballast, synthetic wax resin
°SG ranges: See table below
Accuracy: +/- 1 Twaddle
Divisions: 1 Twaddle
Overall length: 160mm or 300mm
Bulb diameter: 18mm or 22mm
Approx weight: 160mm long = 21g (including 8g protective plastic tube)
300mm long = 62g (including 11g protective plastic tube)

Twaddle number	Range	Division	Product number	
			L = 160mm	L = 300mm
1	0 to 24	1	**10/101/0**	**10/151/0**
2	24 to 48	1	**10/102/0**	**10/152/0**
3	48 to 74	1	**10/103/0**	**10/153/0**
4	74 to 102	1	**10/104/0**	**10/154/0**
5	102 to 138	1	**10/105/0**	**10/155/0**
6	138 to 170	1	**10/106/0**	**10/156/0**

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