

Product data sheet

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OOH001 - OLIVE OIL HYDROMETERS BS 718 : 1991 Density Hydrometers

Brannan offers a range of hydrometers, suitable for a variety of applications.

The olive oil hydrometers form part of our BS 718 : 1991 density hydrometer range which is generally aligned with ISO 387 and ISO 649. Those most suited to olive oil production have a range of 0.90 to 0.95g/ml and are available in three lengths.

The density reading of these hydrometers helps calculate the weight of the oil per litre and determine how pure it is. One litre of pure olive oil weighs around 920g. (density of 0.920). A tiny amount of water is always present. If the density is close to that of water, and is between 0.920 and 1, the olive oil is not pure and contains a lot of water.

The reading is taken by plunging the hydrometer into the oil and reading the level indicated at the oil level.

Product features:

- To calculate the weight of oil per litre to determine purity of olive oil
- 190mm, 270mm and 330mm lengths for various applications
- Adjusted at 20°C
- Calibrated using grams per millilitre (g/ml)
- Made in UK
- Supplied in protective, resealable plastic tube

Product specifications:

Material: Soda glass
Steel shot ballast
Synthetic wax resin

Range span: 0.050 g/ml

Product numbers:

Specifications	Range g/ml	Divisions	Product Number
S50 series			
Length: 190mm	0.85 to 0.90g/ml	0.002g/ml	10/305/0
Bulb: Ø18-20mm	0.90 to 0.95g/ml		10/306/0
Approx weight: 35g*	0.95 to 1.00g/ml		10/307/0
M50 series			
Length: 270mm	0.85 to 0.90g/ml	0.001g/ml	10/335/0
Bulb: Ø20-24mm	0.90 to 0.95g/ml		10/336/0
Approx weight: 42g*	0.95 to 1.00g/ml		10/337/0
L50 series			
Length: 330mm	0.85 to 0.90g/ml	0.0005g/ml	10/365/0
Bulb: Ø23-27mm	0.90 to 0.95g/ml		10/366/0
Approx weight: 103g*	0.95 to 1.00g/ml		10/367/0

* Weight includes protective plastic tube



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