

Product data sheet

BS 718 : 1991 DENSITY HYDROMETERS

S50 SERIES

BS 718 : 1991 is generally aligned with ISO 387 and ISO 649. The specification includes five series and three sub-series of hydrometers, of which the most widely used are listed below. They are calibrated using the accepted units of grams per millilitre (g/ml) and are adjusted at 20°C. The following specification refers to S50 Series.

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

Product features:

- Calibrated using grams per millilitre (g/ml)
- Adjusted at 20°C
- 190mm long
- Made in UK
- Supplied in protective, resealable plastic tube

Product specifications:

- Material:** Soda glass
Steel shot ballast
Synthetic wax resin
- Ranges:** See table
- Range span:** 0.050 g/ml
- Divisions:** 0.002 g/ml
- Overall length:** 190mm
- Bulb diameter:** 18 - 20mm
- Approx weight:** 35g
(incl. 9g protective plastic tube)

| Range g/ml | To suit Surface Tension | Product Number |
|-------------------|-------------------------|----------------|
| 0.60 to 0.65 g/ml | Low | 10/300/0 |
| 0.65 to 0.70 g/ml | | 10/301/0 |
| 0.70 to 0.75 g/ml | | 10/302/0 |
| 0.75 to 0.80 g/ml | | 10/303/0 |
| 0.80 to 0.85 g/ml | | 10/304/0 |
| 0.85 to 0.90 g/ml | | 10/305/0 |
| 0.90 to 0.95 g/ml | | 10/306/0 |
| 0.95 to 1.00 g/ml | Medium | 10/307/0 |
| 1.00 to 1.05 g/ml | | 10/308/0 |
| 1.05 to 1.10 g/ml | | 10/309/0 |
| 1.10 to 1.15 g/ml | | 10/310/0 |
| 1.15 to 1.20 g/ml | | 10/311/0 |
| 1.20 to 1.25 g/ml | | 10/312/0 |
| 1.25 to 1.30 g/ml | | 10/313/0 |
| 1.30 to 1.35 g/ml | | 10/314/0 |
| 1.35 to 1.40 g/ml | | 10/315/0 |
| 1.40 to 1.45 g/ml | | 10/316/0 |
| 1.45 to 1.50 g/ml | | 10/317/0 |
| 1.50 to 1.55 g/ml | | 10/318/0 |
| 1.55 to 1.60 g/ml | | 10/319/0 |
| 1.60 to 1.65 g/ml | | 10/320/0 |
| 1.65 to 1.70 g/ml | | 10/321/0 |
| 1.70 to 1.75 g/ml | | 10/322/0 |
| 1.75 to 1.80 g/ml | | 10/323/0 |
| 1.80 to 1.85 g/ml | 10/324/0 | |
| 1.85 to 1.90 g/ml | 10/325/0 | |
| 1.90 to 1.95 g/ml | 10/326/0 | |
| 1.95 to 2.00 g/ml | 10/327/0 | |



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M50 SERIES

BS 718 : 1991 is generally aligned with ISO 387 and ISO 649. The specification includes five series and three sub-series of hydrometers, of which the most widely used are listed below. They are calibrated using the accepted units of grams per millilitre (g/ml) and are adjusted at 20°C.

The following specification refers to M50 Series. All hydrometers can be supplied with UKAS certification, certificate traceable to Recognised National Standard or Statement of Conformity, if required.

Product features:

- Calibrated using grams per millilitre (g/ml)
- Adjusted at 20°C
- 270mm long
- Made in UK
- Supplied in protective, resealable plastic tube

Product specifications:

| | |
|------------------------|---|
| Material: | Soda glass Steel shot ballast Synthetic wax resin |
| Ranges: | See table |
| Range span: | 0.050 g/ml |
| Divisions: | 0.001 g/ml |
| Accuracy: | 0.001 g/ml |
| Overall length: | 270mm |
| Bulb diameter: | 20 - 24mm |
| Approx weight: | 42g (incl. 14g protective plastic tube) |

| Range g/ml | To suit surface tension | Product number |
|-------------------|-------------------------|----------------|
| 0.60 to 0.65 g/ml | Low | 10/330/0 |
| 0.65 to 0.70 g/ml | | 10/331/0 |
| 0.70 to 0.75 g/ml | | 10/332/0 |
| 0.75 to 0.80 g/ml | | 10/333/0 |
| 0.80 to 0.85 g/ml | | 10/334/0 |
| 0.85 to 0.90 g/ml | | 10/335/0 |
| 0.90 to 0.95 g/ml | | 10/336/0 |
| 0.95 to 1.00 g/ml | | 10/337/0 |
| 1.00 to 1.05 g/ml | Medium | 10/338/0 |
| 1.05 to 1.10 g/ml | | 10/339/0 |
| 1.10 to 1.15 g/ml | | 10/340/0 |
| 1.15 to 1.20 g/ml | | 10/341/0 |
| 1.20 to 1.25 g/ml | | 10/342/0 |
| 1.25 to 1.30 g/ml | | 10/343/0 |
| 1.30 to 1.35 g/ml | | 10/344/0 |
| 1.35 to 1.40 g/ml | | 10/345/0 |
| 1.40 to 1.45 g/ml | | 10/346/0 |
| 1.45 to 1.50 g/ml | | 10/347/0 |
| 1.50 to 1.55 g/ml | | 10/348/0 |
| 1.55 to 1.60 g/ml | | 10/349/0 |
| 1.60 to 1.65 g/ml | | 10/350/0 |
| 1.65 to 1.70 g/ml | | 10/351/0 |
| 1.70 to 1.75 g/ml | | 10/352/0 |
| 1.75 to 1.80 g/ml | | 10/353/0 |
| 1.80 to 1.85 g/ml | | 10/354/0 |
| 1.85 to 1.90 g/ml | | 10/355/0 |
| 1.90 to 1.95 g/ml | | 10/356/0 |
| 1.95 to 2.00 g/ml | | 10/357/0 |



Product data sheet

L50 SERIES

BS 718 : 1991 is generally aligned with ISO 387 and ISO 649. The specification includes five series and three sub-series of hydrometers, of which the most widely used are listed below. They are calibrated using the accepted units of grams per millilitre (g/ml) and are adjusted at 20°C. The following specification refers to L50 Series. All hydrometers can be supplied with UKAS certification, certificate traceable to Recognised National Standard or Statement of Conformity, if required.

Product features:

- Calibrated using grams per millilitre (g/ml)
- Adjusted at 20°C
- 335mm long
- Made in UK
- Supplied in protective, resealable plastic tube

Product specifications:

Material: Soda glass
Steel shot ballast
Synthetic wax resin

Ranges: See table

Range span: 0.050 g/ml

Divisions: 0.0005 g/ml

Accuracy: 0.0005 g/ml

Overall length: 270mm

Bulb diameter: 23 - 27mm

Approx weight: 103g
(incl. 47g protective plastic tube)

| Range g/ml | To suit surface tension | Product number |
|-------------------|-------------------------|----------------|
| 0.60 to 0.65 g/ml | Low | 10/360/0 |
| 0.65 to 0.70 g/ml | | 10/361/0 |
| 0.70 to 0.75 g/ml | | 10/362/0 |
| 0.75 to 0.80 g/ml | | 10/363/0 |
| 0.80 to 0.85 g/ml | | 10/364/0 |
| 0.85 to 0.90 g/ml | | 10/365/0 |
| 0.90 to 0.95 g/ml | | 10/366/0 |
| 0.95 to 1.00 g/ml | 10/367/0 | |
| 1.00 to 1.05 g/ml | Medium | 10/368/0 |
| 1.05 to 1.10 g/ml | | 10/369/0 |
| 1.10 to 1.15 g/ml | | 10/370/0 |
| 1.15 to 1.20 g/ml | | 10/371/0 |
| 1.20 to 1.25 g/ml | | 10/372/0 |
| 1.25 to 1.30 g/ml | | 10/373/0 |
| 1.30 to 1.35 g/ml | | 10/374/0 |
| 1.35 to 1.40 g/ml | | 10/375/0 |
| 1.40 to 1.45 g/ml | | 10/376/0 |
| 1.45 to 1.50 g/ml | | 10/377/0 |
| 1.50 to 1.55 g/ml | | 10/378/0 |
| 1.55 to 1.60 g/ml | | 10/379/0 |
| 1.60 to 1.65 g/ml | | 10/380/0 |
| 1.65 to 1.70 g/ml | | 10/381/0 |
| 1.70 to 1.75 g/ml | | 10/382/0 |
| 1.75 to 1.80 g/ml | | 10/383/0 |
| 1.80 to 1.85 g/ml | | 10/384/0 |
| 1.85 to 1.90 g/ml | 10/385/0 | |
| 1.90 to 1.95 g/ml | 10/386/0 | |
| 1.95 to 2.00 g/ml | 10/387/0 | |



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