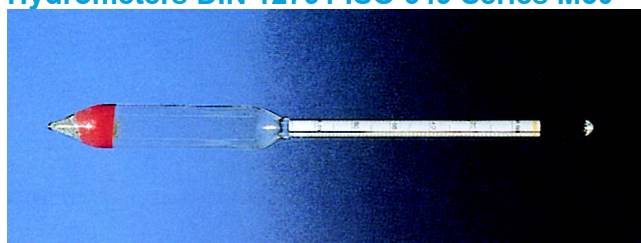


## Mechanical Analysis

### Hydrometers

#### HYDROMETERS

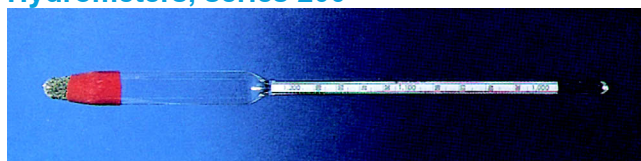
##### Hydrometers DIN 12791 ISO 649 Series M50



**Density** hydrometers to BS 718:1979, calibrated at 20°C, for **medium** surface tension 55 dynes/cm. Nominal range of each hydrometer 0.050g/ml. sub-divided 0.001°. Overall length approximately 270mm.

Range (g/ml)	Cat. No.	£
0.800-0.850	614-0311	8.97F
0.850-0.900	614-0312	8.97F
0.900-0.950	614-0313	8.97F
0.950-1.000	614-0314	8.97F
1.000-1.050	614-0315	10.07F
1.050-1.100	614-0316	10.07F
1.100-1.150	614-0317	10.07F
1.150-1.200	614-0318	10.07F

##### Hydrometers, series 200



General purpose hydrometers for low and high surface tension. Calibrated at 20°C. Without thermometer.

Range (g/ml)	Div. (g/ml)	Length (mm)	Pk	Cat. No.	£
0.600-0.800	0.002	300	1	614-0008	6.50M
0.800-1.000	0.002	300	1	614-0010	5.50M
1.000-1.200	0.002	300	1	614-0012	5.90M
1.200-1.400	0.002	300	1	614-0014	5.90M
1.400-1.600	0.002	300	1	614-0016	6.50M
1.600-1.800	0.002	300	1	614-0018	6.50M

The following hydrometers are graduated to indicate Relative Density (formerly termed Specific Gravity) 60 / 60°F. Where appropriate, these conform to BS 718:1960 and ISO 650. Instruments from 0.600 to 1.000 are adjusted for liquids of low surface tension and those from 1.000 to 2.000 are for liquids of medium surface tension.

##### Hydrometers, BS 718 series M50



**Relative Density**, for **medium** surface tension 55 dynes / cm. Nominal range of each hydrometer 0.050, sub-divided 0.001°. Overall length 270mm.

Range From	Range To	Cat. No.	£
1.000	1.050	614-1626	13.25M
1.050	1.100	614-1627	12.27M
1.100	1.150	614-1628	12.27M
1.150	1.200	614-1629	12.27M
1.200	1.250	614-1630	12.27M
1.300	1.350	614-1631	12.06M
1.350	1.400	614-1632	12.29M
1.450	1.500	614-1633	12.29M

##### Hydrometers, BS 718 series M50

**Relative Density**, for **low** surface tension 15 to 34 dynes / cm. Nominal range of each hydrometer 0.050, sub-divided 0.001°. Overall length 270mm.

Range From	Range To	Cat. No.	£
0.600	0.650	614-0021	15.60M
0.650	0.700	614-0022	10.19M
0.700	0.750	614-0023	10.19M
0.750	0.800	614-0024	10.19M
0.800	0.850	614-0025	10.19M
0.850	0.900	614-0026	10.19M
0.900	0.950	614-0027	10.19M
0.950	1.000	614-0028	10.24M

##### Hydrometers, BS 718 series M100

**Relative Density**, for **medium** surface tension 55 dynes / cm. Nominal range of each hydrometer 0.100, sub-divided 0.002°. Overall length 250mm.

Range From	Range To	Cat. No.	£
1.000	1.100	614-1634	9.26M
1.100	1.200	614-1635	9.26M
1.200	1.300	614-1636	9.26M
1.300	1.400	614-1637	10.81M
1.400	1.500	614-1638	10.81M
1.500	1.600	614-1639	10.76M
1.600	1.700	614-1640	13.45M
1.700	1.800	614-1641	13.45M

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see Chapter 1  
of the  
VWR International  
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