

Technical Data - DMA 35

Standard methods	
ASTM D7777, ISO 15212-1, Energy Institute IP 559	

Density:	
Accuracy	0.001 g/cm ³
Repeatability, s.d.	0.0005 g/cm ³
Reproducibility, s.d.	0.0007 g/cm ³
Resolution	0.0001 g/cm ³
Measuring range	0 g/cm ³ to 3 g/cm ³
Temperature:	
Accuracy	0.2 °C (0.4 °F)
Measuring range	0 °C to 40 °C (32 °F to 104 °F)
Repeatability, s.d.	0.1 °C (0.2 °F)
Resolution	0.1 °C (0.1 °F)
Other specifications:	
Measuring principle	Oscillating U-tube principle (U-tube made of borosilicate glass)
Patents granted	Smart connection of measuring cell: AT516421 (B1), EP3015847 (B1)
Sample temperature range	0 °C to 100 °C (32 °F to 212 °F)
Ambient temperature	Standard version, Ampere version: -10 °C to +50 °C (14 °F to 122 °F) Ex and Ex Petrol version: -10 °C to +40 °C (14 °F to 104 °F)
Sample volume	2 mL
Sample filling	Via manual filling pump or syringe in one second
Output parameters	Density, specific gravity, alcohol concentration, sugar/extract concentration, API functions, H ₂ SO ₄ concentration, ten programmable custom-specific measuring units
Scope of supply	Portable density meter, filling tube, adapter for syringe filling, syringes, transportation suitcase
Dimensions (L x W x H)	245 mm x 103 mm x 126 mm (9.6 in x 4 in x 5 in)
Weight	660 g (23.3 ounces)