

Technical Data - DSA 5000 M

Standard methods	
ASTM D4052, ASTM D6448, ASTM D2501, ASTM D5002, ASTM D5931, AOAC 982.10, ASBC Beer-2B, ASTM D1475, ASBC Beer-5, ASTM D4806, ISO 2811-3, ISO 15212-1, OIV MA-BS-04, OIV MA-BS-06	

Density:	
Accuracy	0.000007 g/cm ³
Repeatability, s.d.	0.000001 g/cm ³
Reproducibility, s.d.	0.000005 g/cm ³
Measuring range	0–3 g/cm ³
temperature:	
Accuracy	0.01 °C (0.02 °F)
Repeatability s.d.	0.001 °C (0.002 °F)
Measuring range	0 to 100 °C (32 to 212 °F)
Sound velocity:	
Repeatability s.d.	0.1 m/s
Measuring range	1000 to 2000 m/s
Reproducibility s.d.	0.5 m/s
Other specifications:	
Measuring time per sample	1 to 4 minutes
Sample volume	approx. 3.5 mL
Accuracy and convenience features	ambient air pressure sensor full range viscosity correction reference oscillator automatic bubble detection camera image of the density measuring cell