Anton Paar

Technical Data - DMA

Standard methods
ASTM D4052, ASTM D5002,ASTM D2501, ASTM D5931, ISO 12185, ISO 15212-1, ISO 18301, ISO 14214, Ph. Eur. 2.2.5, USP 841, OIV MA-BS-04, OIV MA-BS-06

	DMA 4101	DMA 4501	DMA 5001
Density:			
Accuracy	0.0001 g/cm3	0.00005 g/cm³(full range) 0.00001 g/cm³ (0-1 g/cm³, 15-20 °C)	0.000005 g/cm³
Repeatability, s.d.	0.00001 g/cm³	0.000005 g/cm³	0.000001 g/cm³
Reproducibility, s.d.	0.00005 g/cm³	0.00002 g/cm³	0.000005 g/cm³
Resolution	0.0001 g/cm³	0.00001 g/cm³	0.000001 g/cm³
Measuring range	0 to 3 g/cm3		
Temperature:			
Accuracy	0.03 °C (0.05 °F)	0.02 °C (0.04 °F)	0.01 °C (0.02 °F)
Measuring range	0 to 100 °C (32 to 212 °F)		
Repeatability s. d.	0.02 °C/0.04 °F	0.01 °C/0.02 °F	0.001 °C (0.002 °F)
Resolution	0.01 °C		0.001 °C
Other specifications:			
Minimal sample volume	Approx. 1 mL		
Dynamic viscosity	10 to 3000 mPa.s		
Wetted materials	PTFE, borosilicate glass		
Dimensions (L x W x H)	495 mm x 330 mm x 230 mm (19.5 x 13 x 9.1 inches)		
Weight	22.5 kg (49.6 lbs)		
Power supply	AC 100 to 240 V; 50 to 60 Hz; 190 VA		
Display	Display 10.1" TFT WXGA (1280 x 800 px); PCAP touchscreen		
Controls	Touchscreen, optional keyboard, mouse, bar code reader and gesture control		
Communication interfaces	5 x USB, Ethernet, VGA, CAN, RS-232		
Internal storage	more than 10,000 measuring values		