

Technical Data - DMA 501

Standard methods	
DIN EN ISO 15212-1	
Density:	
Accuracy	0.001 g/cm ³
Repeatability, s.d.	0.0002 g/cm ³
Reproducibility, s.d.	0.0004 g/cm ³
Measuring range	Density: 0 g/cm ³ to 3 g/cm ³ Pressure: 0 bar to 10 bar (0 psi to 145 psi)
Temperature:	
Accuracy	0.3 °C (0.6 °F)
Measuring range	15 °C to 40 °C (59 °F to 104 °F)
Repeatability, s.d.	0.1 °C (0.2 °F)
Other specifications:	
Operating pressure sample	max. 10 bar (145 psi) absolute
Sample volume	< 2 mL (incl. filling adapter)
Sample viscosity	0–35,000 mPa·s
Viscosity correction	yes, over the full range
Data memory	5000 results
Accuracy and convenience features	U-View™ FillingCheck
Interfaces	3*USB, RS-232, Ethernet
Controls / Supported input/output devices	USB keyboard, mouse, bar code reader
	USB memory device
	Receipt printer (RS-232), office printer connected via USB or Ethernet
Display	Graphical, bright colored 7" TFT WVGA (800 x 480 px) PCAP touchscreen with customizable dashboard layout
User elements	Touch screen
Wetted parts	PTFE, borosilicate glass
Dimensions (L x W x H)	375 mm x 265 mm x 180 mm (14.8 in x 10.4 in x 7.1 in)
Weight	13.5 kg (29.8 lbs)