

Compact Digital Density Meter

DMA 501 | DMA 1001



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DMA 501 and DMA 1001 revolutionize your work in the lab, as well as your quality checks at the production line and storage facilities with minimum training and 100 % documented operation. Developed and manufactured by the world market leader for density meters, they on the one hand serve as workhorse for everyday samples and on the other hand rise to the challenge of speeding up the measurement of pasty, inhomogeneous, sedimenting, and particle-containing samples.



The most advanced 3- and 4-digit density meters at an unbeatable price



100 % consistent results due to features like U-View™ and FillingCheck™



Only 1 mL sample volume required



Durable in harsh environments:
Compensation of external influences



7" glove-friendly touchscreen



Fully Pharmacopoeia- and ASTM D4502- and D5002-compliant

**Our 3-year warranty is available to all customers.
All new instruments will include repair for 3 years.**

DMA 501

DMA 1001

Industry standards	ISO 15212-1 ChP 2020 (Vol IV) 0601	ISO 15212-1 ASTM standards D4052, D5002, D6448, D2501, D5931, D1475, D1250, D4806; DIN 51757; ISO 12185; EN 14214; ISO 18301; ISO 2811-3; JIS K 0061; JIS K 2249 USP <841>, Ph. Eur. 2.2.5, JP 17 2.56, ChP 2020 (Vol. IV) 0601 NBR 14065, NBR 15639, IP 365
Patents granted	EP3012612B1, AT520632B1, US10145771B2	
Measuring range	Density: 0 g/cm ³ to 3 g/cm ³ Pressure: 0 bar to 10 bar (0 psi to 145 psi)	
	Temperature: 15 °C to 40 °C (59 °F to 104 °F)	Temperature: 15 °C to 60 °C (59 °F to 140 °F)
Accuracy*	Density: 0.001 g/cm ³	Density: 0.0001 g/cm ³
Repeatability, s.d.**	Density: 0.0002 g/cm ³ Temperature: 0.1 °C (0.2 °F)	Density: 0.00005 g/cm ³ Temperature: 0.02 °C (0.04 °F)
Reproducibility, s.d.**	Density: 0.0004 g/cm ³	Density: 0.00007 g/cm ³
Minimum sample volume	Approx. 1 mL	
Output parameters	Density, specific gravity (SG), alcohol tables, sugar/extract tables, various acid/base tables, API functions	
Wetted parts	Borosilicate glass, PTFE	
Communication interfaces	1 x Ethernet, 3 x USB, 1 x RS232	

* Under conditions according to installation requirements

** According to ISO 5725