

Technical Data - SVM 1001

Standard methods	
ASTM D7042, D445 bias corrected, ISO 23581, EN 16896	
Viscosity:	
Repeatability	0.10%
Reproducibility	0.35%
Measuring range	0.3 mm ² /s to 5,000 mm ² /ss
Density:	
Measuring range	0.6 g/cm ³ to 3 g/cm ³
Repeatability	0.0002 g/cm ³
Reproducibility	0.0005 g/cm ³
Temperature:	
Measuring range	+15 °C to +100 °C
Repeatability	0.005 °C (0.009 °F)
Reproducibility	0.03 °C (0.054 °F) from 15 °C to 100 °C
Other specifications:	
Supported precision classes	Ultrafast, Fast, Precise
Sample volume min./typical	1.5 mL / 5 mL
Solvent volume min./typical	1.5 mL / 6 mL
Maximum sample throughput	37 samples per hour
Peltier temperature control	Designed for constant temperature
Wetted parts	Inside the instrument: copper, titanium, stainless steel A4, Inconel®
O-rings in contact with sample	Viton® Extreme
Data memory	1000 measurement results
HID (Human Interface Device)	7" touchscreen
Interfaces	4 x USB (3 x A, 1 x B)
Special features	Second temperature