

Technical Data - Xsample 530

Technical Specifications	
Viscosity range Operation with internal air pump Operation with 2 bar external compressed air	12.000 mPa·s at ambient and measuring temperature 36.000 mPa·s at ambient and measuring temperature
Filling mode	Pressure mode, with integrated piston pump, with air pump of master instrument, with compressed air, Suction mode (optional)
Minimum sample volume per measurement	approx. 3 mL (with master instrument DMA™ M) depending on system configuration
Sample recovery	optional
Rinse consumption per cycle	approx. 4 mL
Sample throughput	max. 9 per hour depending on application and used pressure source
Number of sample vials	71 positions for 12 ml vials optional: 35 positions for 45 ml vials customer specific magazines on request
Automatic filling and drying	Piston pump, internal air pump of master instrument or compressed air selectable
Compressed air supply (optional)	1.80 bar – 2.20 bar (26 psi – 32 psi) relative external compressed air, typically: 2.0 bar (29 psi) rel.
Necessary quality of air	Class 3 from ISO 8573-1: max. particle size: 5 µm
Environmental conditions (EN 61010)	Indoor use only
Air humidity	10 to 90% relative humidity, non-condensing
Operating temperature	+15 to +35 °C (+59 to +95 °F)
Power supply	supplied by master instrument Mains voltage according to the type plate at the rear of master
Dimensions excl. Master instrument (L x W x H)	370 mm x 490 mm x 430 mm (14.6 in x 19.3 in x 17 in)
Weight excl. master instrument	approx. 48 kg (105.8 lbs)
Optional bar code reader	Laser Line Scanner, 1D Code Reader class 2