



MULTITHERM 200 XL

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MULTITHERM 200 XL the multipurpose pump for PREPARATIVE HPLC and HIGH PRECISION DOSING applications is designed for continuous operation under full workload. The compact design and its performance is a result of about 20 years in manufacturing and developing of HPLC and High Precision Dosing Pumps. The pump is a real dual piston pump with active pulse dampening controlled by software. The pump head is designed for a flow rate from 0.1 to 200 ml/min and a pressure range from 0 to 20 MPa. All parts in contact with the pumped solvents or solutions are made of stainless steel, PTFE, PTFE compound, sapphire and ceramics.

SPECIFICATIONS:

Flow rate range	0.1 ml/min - 200 ml/min
Flow rate accuracy	+/- 2 % (within 2 – 50 % of flow range, measured with MeOH/H ₂ O 80/20 v/v)
Flow reproducibility	0.2 %
Pressure range	0 MPa - 20 MPa
Pressure pulsation	electronic control of residual pulsation
Pressure shut-off	P min, P max , adjustable
Purge Valve	manual
Display	2 x 24 digits
Input	by 16 push button keys
Programing	up to 20 methods, up to 10 queues
Remote control	via RS 232 all functions, remote start, flow rate Via analogue input
Gradient	High pressure gradient (binary or ternary, with additional pumps (master/slave configuration)) Low pressure gradient (ternary, with valve system)
Auxiliary outputs	8 event outputs (TTL, OC, relays), pressure
Power requirements	115/230 V, 47 -63 Hz, 450 W
Dimensions	255 x 195 x 381 mm (W x H x D)
Weight	12 kg
Ordering information	P/N 22520000