EU-IVDR

Medonic™ M32 hematology system.
Beyond compromise.

Laboratory diagnostics is one of the cornerstones of healthcare, and test results form the basis for patient diagnosis. Hematology analysis constitutes a cost-efficient tool for health screenings and initial disease investigations.

With its compact design, highly accurate results, and low maintenance needs, Medonic M32 provides laboratories with an efficient tool for hematology analysis:

- Shear valve-guided aspiration ensures measurement quality.
- Optional space-saving automation solution provides constant mixing of queued samples.
- Robust equipment design helps ensure instrument uptime.

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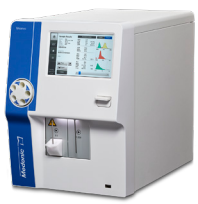
Medonic M32 model characteristics	M32B	M32M	M32C	M32S
Built-in tube mixer		•		•
Micro-pipette adapter (MPA)		•	•	•
Shear valve sample aspiration	•	•	•	•
Pre-dilution mode	•	•	•	•
Cap-piercing device			•	•
Autosampler				•

Technical specification

Parameters	Sample volume	Display
16 for diagnostic use WBC, LYM, MID, GRAN, LYM%, MID%, GRAN%, RBC, MCV, HCT, PLT, MPV, HGB, MCH, MCHC, RDW% 6 for research use RDW, PCT, PDW%, PDW, P-LCR, P-LCC	Open tube (OT): 110 µL Capillary (MPA): 20 µL Prediluted: 20 µL Cap piercer: 250 µL Autoloader: 300 µL	7 inch TFT touch screen
Data storage capacity	**Reagents**	**Quality control**
50 000 samples	2 RFID locked reagents are used for analysis: Medonic M-series Diluent Medonic M-series Diluent Lyse	Tri-level controls (L, N, H) QC statistics: Mean, SD, CV%, Levey-Jennings and X-bar
Linearity ranges	**Throughput**	**Interface ports**
PLT: 0–1800 × 109/L RBC: 0.30–7.00 × 1012/L WBC: 0.20–130.0 × 109/L HBC: 2.0–24.0 g/dL	60 samples/hour 50 seconds, time to results, OT inlet	4 USB ports, 1 LAN port that supports LIS/HIS communication through, HL7 protocol
Printout	**Dimension**	**Weight**
Postscript-compatible printers supporting PCL 3/5e	295 mm (W) × 475 mm (D) × 395 mm (H) (M32B, M32M, M32C) 340 mm (W) × 475 mm (D) × 395 mm (H) (M32S)	≤ 18 kg (M32B/M32S/M32C) ≤ 22 kg (M32S)

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