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<https://boule.nt-rt.ru> || buo@nt-rt.ru

Гематологическая система Medonic M32



Medonic™

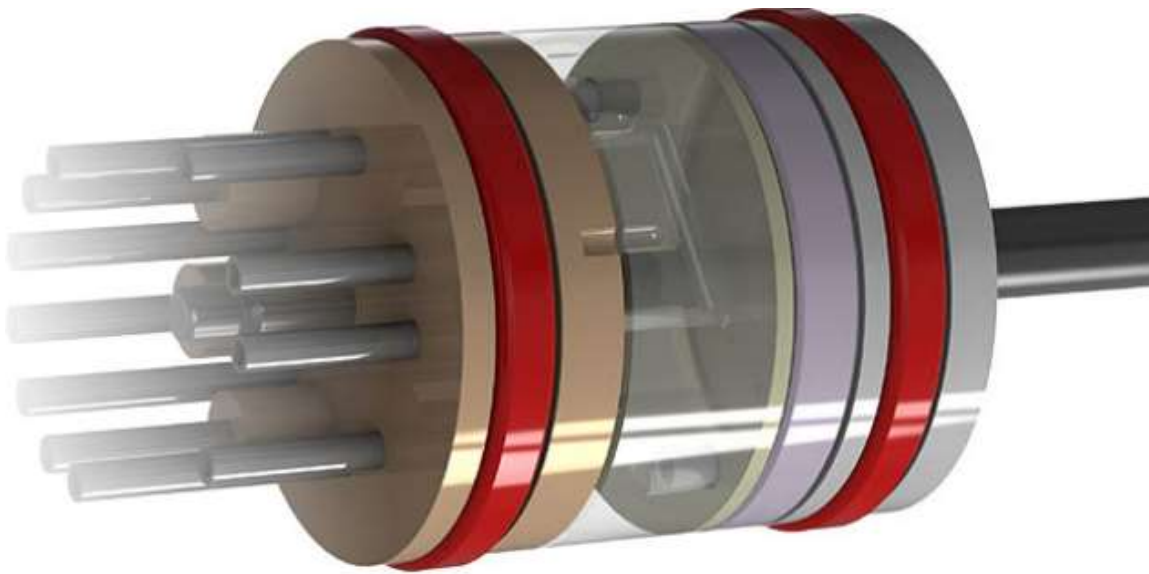
For today's hematology laboratories

Medonic M32 hematology analyzer comes packed with advanced functions. From the doctor's office laboratory to medium-sized clinical units, it delivers a CBC and a 3-part WBC differential with exceptional accuracy and reliability.

Boule has obtained IVDR certification for Medonic M32 hematology instruments, class B. Boule is now a member of a globally small and honorable group of medtech companies that have succeeded with this at such an early stage.

Sampling to complete blood count in about one minute

Micro-pipette adapter (MPA) provides a blood status from a finger-stick capillary sample. Results can be viewed in a minute. No preparation, no pre-dilution and no vacuum tubes are required.



Low-maintenance shear valve

The sampling technique is critical for accuracy of the result. Medonic M32 therefore comes equipped with a high-precision shear valve. Not only is the shear valve extremely precise to deliver accurate results, it is also designed to minimize maintenance needs to significantly reduce maintenance costs.



Space-saving autoloader

As the top-of-the-range model, Medonic M32S is the walk-away analyzer well-suited for many small to medium-sized hospitals. Just pre-load up to 2 × 20 samples and let it do the work!

Specifications

16 clinical parameters

WBC, LYM, MID, GRAN,
LYM%,MID%, GRAN% RBC,
MCV, HCT, PLT, MPV,
HGB, MCH MCHC, RDW%

6 research parameters

RDW, PCT, PDW%, PDW, P-LCR,P-
LCC

Reagents

2 RFID locked
reagents
are used for analysis:
Medonic M-series
Diluent
Medonic M-series
Diluent Lyse

Linearity ranges

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

Throughput

60 samples/hour

50 seconds, time to results, OT
inlet

Sample volume

Open tube (OT): 110
µL
Capillary (MPA): 20
µL
Prediluted: 20 µL
Cap piercer: 250 µL
Autoloader: 300 µL

Samples

Whole blood (venous and
capillary)
Pre-dilutes whole blood

Sample aspiration

Open tube
Closed tube
Micro-pipette adapter
Autosampler (20 × 20 samples)

Data storage capacity

50 000 samples

Interface ports

4 USB ports, 1 LAN.
port that supports LIS/HIS
communication through HL7
protocol

Export of parameter results

Printout:
– Postscript-compatible printers
supporting PCL 3/5e
– Software-supported thermal
printers
External USB disk
Laboratory information system
(LIS)

Display

7 inch TFT touch
screen

Weight

≤ 18 kg (M32B/M32S/M32C)
≤ 22 kg (M32S)

Dimension

295 (W) x 475 (D) x 395 (H) mm
(M32B/M32S/M32C)

Controls

Tri-level controls (L,
M, H)

QC statistics

≤ Mean, SD, CV%, Levey-Jennings and X-bar

Product range

	M32B	M32M	M32C	M32S
Article no.				
BD: automatic barcode reader	1420021	1420022	1420024 (AR)	1420026 (BD AR)
BD: Standard tubes, BD or equivalent				
SA: Sarstedt tubes				
Built-in mixer		✓		✓
Micro-pipette adapter (MPA)		✓	✓	✓
Maintenance-free shear valve	✓	✓	✓	✓
Pre-dilution mode	✓	✓	✓	✓
Cap-piercing device			✓	✓
Autoloader				✓

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