New-generation hematology analyzers!

Medonic M-series M32
Innovation built on total quality

FOR TODAY'S HEMATOLOGY LABS

Full CBC from one drop of blood
Maintenance-free shear valve
Unique walk-away Autoloader

Medonic

Make way for Medonic!

New-generation hematology analyzers!

Packed with innovation. Uncompromising accuracy. Outstanding quality. New-generation Medonic M-series M32 analyzers occupy pride-of-place in the very best hematology labs. There's room for one on your bench-top.

Sampling to full CBC in under 50 seconds

Three new Medonic M-series M32 analyzers include MPA micro-pipette adapter sampling. Based on a simple finger prick sample taken directly from the patient, this unique feature transforms Medonic into what is probably the fastest blood cell counter in the world today.

Simply make a finger prick, draw blood into the special 20 µl micro-capillary tube, slide it into the adaptor and insert in the analyzer. Less than one minute later, you see the full blood screen on the touch-sensitive display. There's no preparation required, no pre-dilution, no vacuum tubes and no needles.

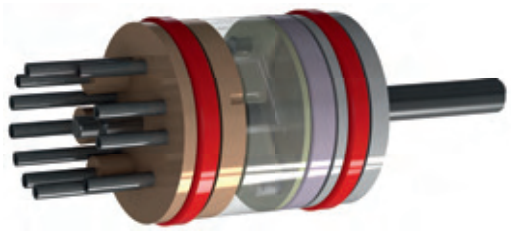
Since making a finger prick is largely painless, MPA is the ideal way to take and analyze blood samples from children. For blood banks, it's the perfect tool for making fast, pre-donation blood cell determinations. It also saves the vein for donation.

Medonic M-series M32 analyzers deliver a full CBC from just 20 µl of blood. Perfect for children and blood banks!

Accurate results start with precise collection

In hematology analysis, no one can afford to compromise on quality components or accurate results. We certainly don't. Every Medonic M32 analyzer comes equipped with a high-precision shear-valve. No other sampling technique collects blood as precisely as a shear valve. It's a critical part of the measurement that you'll see reflected in the accuracy of every result you report.

Furthermore, not only is the Medonic shear valve extremely precise, it's also completely maintenance-free. As well as accurate results, you enjoy significantly reduced maintenance costs. The three-year warranty we give on this component further emphasizes the trust we put in its quality and reliability.



Maintenance-free Medonic M-series M32 shear valve secures accurate results and lowers maintenance costs.

Perfect walk-away analyzer

Much as you'll enjoy working with your new-generation M32 analyzer, there will be times when you need to leave it to analyze a whole batch of samples by itself.

For these occasions, the M32S with Autoloader is the ideal instrument to have on your bench. As the top-of-the-range model in the new M32-series, it's the perfect walk-away analyzer and ideal for many small to medium-sized hospitals. Just pre-load up to 2 x 20 samples and let it do the work!

M-series M32S with Autoloader is ideal for small to medium-sized hospitals needing walk-away analysis functionality.

Pleasure-to-use graphic interface

The new user interface is undoubtedly the most visible and best appreciated feature of the new Medonic M32-series. Simple-to-use and easy-on-the-eye, its large 7-inch touch-sensitive display features a 800 × 480 pixel WVGA color screen with a landscape view.

Different set-up views, each optimized for different user situations, facilitate routine use. The most common include a sample view showing 'classical' graphs and all parameters. A second sample view features the much-used reference-bar display that makes clear indication if results are outside of their expected range.

Modern user-interface. Its clean, uncluttered design promotes efficient operation and accurate assessment of results.

Connect and communicate like never before

Better connectivity and improved communication protocols now let laboratories exchange both patient results and quality control data with interested parties. New-generation Medonic M-series M32 instruments are fully-equipped to meet new ways of communicating.

For example, they now feature a host of connection possibilities for printers, keyboards, barcode readers, USBs, etc. This better connectivity includes the new HL7 industrial standard protocol, now available together with the previous XML protocol. LIS connection is via an Ethernet port. Furthermore, this improved connectivity is very easy to use, as the front-panel USB port demonstrates.

Medonic M-series M32 analyzer users enjoy improved data communication thanks to a broad selection of connectivity options.

Intuitive software speeds and simplifies

Powerful new software keeps Medonic M-series M32 instruments in the front line of automated hematology analysis, simplifying work processes and giving users better control of sample results and patient records. ID field-length has been increased to 50 characters and patient memory extended to 50,000 records, for example. The menu system is both simple-to-understand and easy-to-navigate.

Part of our Total Quality Concept

Medonic M-series M32 hematology analyzers are part of a Total Quality Concept that comprises instruments, reagents, quality control materials and service – an unbroken chain of know-how in quality hematology measurements.

Improved software simplifies work processes and gives users better control of sample results and patient records.

Four new-generation analyzers
One is just right for you

7-inch touch-sensitive display with landscape-view WVGA color screen.

Interface design promotes smooth operation and accurate assessment of results.

Powerful new software with simple-to-understand, easy-to-navigate menus.

Soft lighting plus new ergonomic design simplify sample handling.

Many smart, innovative functions reside inside the cool blue design.

USB port is evidence of much improved connectivity and communication.

Medonic M32B – even the basic model includes shear-valve technology.

Medonic M32M – five-sample mixer is ideal for doctors' offices and small labs.

Medonic M32C – closed-tube sampling minimizes risks from contaminated blood.

Medonic M32S – Autoloader for up to 2 x 20 samples. Just load and walk away.

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New-generation hematology analyzers!

Medonic M32B *Medonic M32M* *Medonic M32C* *Medonic M32S*

Model characteristics	M32B	M32M	M32C	M32S
Built-in tube mixer		•		
Micro pipette adapter (MPA)		•	•	•
Maintenance-free shear valve	•	•	•	•
Pre-dilution mode	•	•	•	•
Cap-piercing device			•	
Autoloader				•

Technical specification Medonic M-series M32

Samples per hour	60
No. of parameters	20
Touch-screen	Color
Samples memory	50,000
QC software	Yes
No. of reagents used	2
Time to result, open tube inlet	<50 sec
Cv WBC:	1.8%
Cv RBC:	1.1%
Cv PLT:	3.3%
Cv HGB:	1.0%

New-generation Medonic M-series M32 Hematology systems beyond compromise.

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