



# Supporting the safe and efficient use of blood donations

Efficient processing of donated blood and ensuring its safe use in transfusions require stringent hematology testing combined with rapid and accurate results. Thanks to its fast operation, micro-pipette adapter (MPA), highly accurate results, and built-in quality monitoring, Medonic™ M32 hematology analyzer helps blood banks in securing these vital objectives.

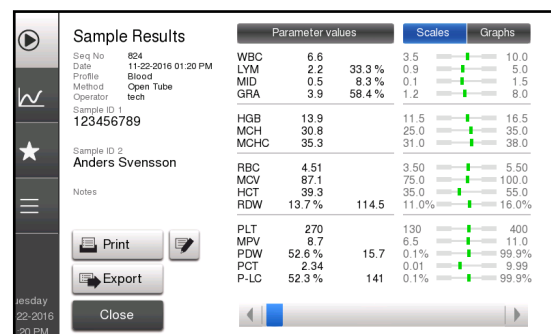
## Rapid pre-donation testing of HGB/HCT, WBC, and PLT

Pre-donor testing helps confirm donor suitability. Key questions to answer include whether or not the individual is suitable for donation, what is the exact PLT count (needed for optimal processing), and does the donor have a possible infection. Medonic M32 quickly analyses and presents the HGB/HCT, PLT, and WBC parameters, supporting clinical decision-making.

## Quality monitoring of key blood components

Accurate monitoring of platelet concentrate facilitates optimal pooling and the equivalent information for RBCs is needed to define the number of cells in each concentrate bag.

Medonic M32 quickly generates accurate PLT-C and RBC-C results, all presented on the analyzer color touchscreen.



Medonic M32 hematology analyzer is well-suited for blood bank applications. The system provides both accurate CBC results and helps in the quality monitoring of PLT and RBC concentrates.

# MPA function offers fast pre-donation testing

Medonic M32 features MPA capillary blood sampling. Simply make a finger-stick, draw blood into a special 20  $\mu\text{L}$  micro-capillary tube, slide it into the adapter, and insert in the analyzer. About one minute later, you view all the key results on the touch-sensitive display. No preparation, no pre-dilution, and no vacuum tubes are required. As well as making fast, pre-donation blood cell determinations, MPA also saves the vein for the donation.



Take a finger-stick blood sample.



The MPA functionality lets you analyze capillary samples directly and saves the vein for the donation.

## High quality and reliability combined with convenient functions

- Exclusive blood bank application with special measurement of high PLT concentrations.
- PLT-C linearity up to  $5000 \times 10^9/\text{L}$ .
- RBC-C linearity up to  $8 \times 10^{12}/\text{L}$ .
- Results with histograms displayed in about a minute on a WVGA landscape view color screen.
- MPA functionality on all models except M32B.
- Motor-driven cap-piercing device as option.
- Autoloader model available.
- Barcode reader included for easy entry of patient ID.
- Memory for 50 000 samples.
- Coincidence correction for all parameters.
- Modern graphical interface and color touch screen.
- Shear valve aided sampling.
- Barcode entry of assay values for controls and calibrators.

Four Medonic M32 analyzer models span a wide range of functions. All deliver highly accurate and precise blood cell counts.



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



Medonic M32M – five-sample mixer is well-suited for the smaller laboratory.



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



Medonic M32S – autoloader for up to  $2 \times 20$  samples. Just load and walk away.

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BPM27723-4 11/2025