



Secure the safe and efficient use of blood donations

Processing donated blood efficiently and ensuring its safe use in transfusions requires stringent hematology testing combined with rapid and accurate results. Thanks to its fast, user-friendly operation, micro-pipette adapter (MPA), highly-accurate results, and built-in quality monitoring, Swelab™ Alfa Plus 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. Swelab Alfa Plus quickly analyses and presents these parameters, showing HGB/HCT, PLT, and WBC values as easy-to-understand profiles.

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. Swelab Alfa Plus quickly generates accurate PLT-C and RBC-C results, all presented in an easy-to-read manner.



Swelab Alfa Plus 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

Swelab Alfa Plus features MPA capillary blood sampling. Simply make a finger-stick, draw blood into a special 20 μ 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, no vacuum tubes, and no needles are required. As well as making fast, pre-donation blood cell determinations, MPA also saves the vein for donation.



Take a finger-stick blood sample.



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

High quality and reliability combined with user-friendly functions

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

Four Swelab Alfa Plus analyzer models span a wide range of easy-to-use functions. All deliver highly accurate and precise blood cell counts.



Swelab Alfa Plus Basic – even the basic model includes shear-valve technology.



Swelab Alfa Plus Standard – five-sample mixer is well-suited for doctors' offices and small labs.



Swelab Alfa Plus Cap – closed-tube sampling minimizes risks from contaminated blood.



Swelab Alfa Plus Sampler – for up to 2×20 samples. Just load and walk away.

Contact us today for more details of the Swelab Alfa Plus hematology analyzer and its blood bank applications.

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