

The new EKF microcuvette
Fast, easy and reliable

Long experiences in microfluidics and practical know-how had a lasting effect in the development of our new hemoglobin-microcuvette: A competitive edge, noticeable in application at once and cost-effective in the short term! The uptake of a small 8 µl sample can be performed very easily from every position, reducing patients stress and user effort. Typical risks of air bubbles are eliminated by quick reagent solution. With readings for as little as 10 sec, measurements are performed in short time and always granting high reliable results.

Honoring customer reports from all around the world confirm the quality, safeness and comfort handling of EKF's hemoglobin microcuvettes (also to use in 3rd party devices – ask your dealer for suitability).



Product selection

EKF microcuvettes
combining high reliability and easiest use, with optimized sample uptake (8 µl) available in 50 or 25 pc. packages

Hemo_Control
worldwide approved hemoglobin-photometer with automatic display of hematocrit, comfort touch screen and big memory, for mobile and stationary use



Control solutions
ready-to-use controls for low, norm and high reference measurements in 1 ml dropper bottles



Safety lancets
the safe disposable lancet for painless sampling, very simple to handle

Please request our free catalogue for a complete product list. For a first "touch and feel", please visit our homepage www.EKF-diagnostic.com, select a device and click to the "VisiGuide" button!

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3000-9102-0073

Your inquiry

... can be made by phone, fax or email. We will help immediately, forwarding your contact to our national sales & service partner and supporting you with additional product information.

Please select your preferred topic:

- Hemo_Control
- Hemo_Control Manager
- Hemo_Speed
- Hemo_Speed Manager
- Hemoglobin-microcuvettes
- Hemoglobin Speed-cuvettes

- Application by GPs
- Clinical application
- Blood donor services

- Testing and hiring of devices
- Trade-In options for 3rd party products
- Service and application training
- Hematology analyzers

Sales:



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HEMO-CONTROL

**The next generation
of Hemoglobin-
diagnostics
Made in Germany**

Hemoglobin

A key parameter for the modern doctor's surgery

A tiny droplet of blood and a few seconds – that is all you need for a precise hemoglobin analysis with the new generation of Hemo_Control and Hemo_Speed photometers.

Regarding the increasing time- and cost pressure for doctors and patients as well, today a quick and reliable diagnosis of threatening diseases or other physical disorders gets vital importance in health prevention.

Very often, children and adolescents are suffering from manifold metabolism problems, mostly related to an unbalanced conduct of life. Anaemia is a high risk especially for pregnant women, recommending frequent hemoglobin screening - but it is also an early indicator before obvious symptoms occur.

Kidney diseases, malfunctions of the thyroid gland or diminutions in the red blood cell production – all of this can be recognized in time without complicate analysis methods.



A simple hemoglobin measurement also helps to determine gastrointestinal diseases and iron- or protein deficiencies.

A tiny droplet of blood and a few seconds – do not hesitate to offer helpful diagnostic tools for your patients, and to improve the quality and efficiency of your services!

Hemo_Control

Worldwide established, now with expanded featuring

If for clinical applications or used as a mobile "outdoor" solution for all conditions. By its compact design and robust housing, the Hemo_Control is always proven to be a perfect allrounder, realizing simple use and low consumption costs in combination with the EKF microcuvette.

A wide measurement range (0 – 25,6 g/dL) and the parallel display of hematocrit help to improve the diagnosis. Various settings and functions are flexible provided by a big illuminated LC-touch screen for intuitive device handling. The featuring is completed by an expanded memory for 4.000 readings including time, date and patient type, connectable to printer or PC.

The Hemo_Control is as good as maintenance-free and comes with a control cuvette as standard (additional supplies in the appendix). Try the "VisiGuide" on our homepage to discover the easy use of Hemo_Control!



Sample volume:	8 µL
Sample material:	Venous, arterial or capillary human blood
Linearity:	0-20 g/dL ± 0,3 g/dL; >20 g/dL ± 0,7 g/dL
Precision:	≤ 2 %
Measurement period:	Approx. 25 sec.
Calibration:	In-plant according to NCCLS standard
Cuvette:	Hemoglobin microcuvette
Measurement principle:	Photometric, azidemethemoglobin
Power:	Power supply, 100 - 250 VAC/50 - 60 Hz, Integrated battery (approx. 100 h in use)
Size:	160 x 160 x 68 mm
Weight:	Approx. 700 g

Hemo_Speed

Faster determination for blood donor services

Based on the newest hardware of the well-established Hemo_Control, the Hemo_Speed represents a consistent, customer-focused product development for the special demands of blood donor services. Combined with the new Hemoglobin Speed-cuvettes, the routine analysis is put on speed, at the same high level of precision and reliability.

Unplugged from power supply, the Hemo_Speed also runs 100 hours with its integrated Li-Ion battery. Thanks compact size and robust design, there are (almost) no limits in flexible use. The device is as good as maintenance-free and very simple in use.

The standard configuration includes a printer connection, a big memory for 4.000 readings incl. time, date and patient type as well as a control cuvette and handy instruction poster, illustrating the few essential operation steps.



Sample volume:	8 µL
Sample material:	Venous, arterial or capillary human blood
Wave length:	568/880 nm
Self test:	Automatic
Precision:	≤ 2 %
Measurement period:	Approx. 10 sec.
Calibration:	In-plant according to NCCLS standard
Cuvette:	Hemoglobin Speed-cuvette
Measurement principle:	Photometric
Power:	Power supply, 100 - 250 VAC/50 - 60 Hz, Integrated battery (approx. 100 h in use)
Size:	160 x 160 x 68 mm
Weight:	Approx. 700 g

Hemo_Control Manager, Hemo_Speed Manager

Full control, automatically

Quality control and patient management are decisive in modern diagnostics. Featured by Barcode-reader, wireless Bluetooth-interface and flexible administration software for PC, the Hemo_Control and the Hemo_Speed are also available in an expanded "Manager" product version.

Users, batch codes of consumables and patient data can be identified according to a strict agenda, individually pre-defined on the PC in advance.

This guarantees an uniform workflow on all integrated devices, minimizing the risk of user mistakes at stress e.g. during high-volume screenings. Besides routine procedures, immediately required measurements can be performed (and will be noticed in the internal memory) by the STAT option at any time.



Additional features:

- Memory: 4.000 readings with time, data, patient type, patient-ID, comments, 500 QC values
- Wireless Bluetooth-interface onboard
- Flexible barcode setting for: user-ID, patient-ID, batch code-ID