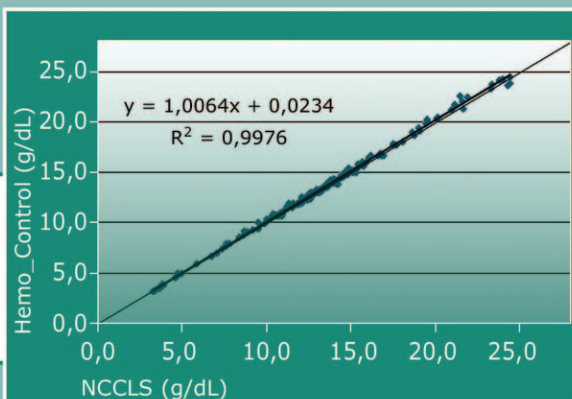


Technical Data

Range	0-25,6 g/dL
Sample volume	8 µL
Measuring time	Approx. 25 s
Power	Power supply 100- 250 VAC/50-60Hz Integrated battery (approx. 100 h in use)
Microcuvette	EKF - hemoglobin microcuvette
Calibration	at factory side according to NCCLS standard
Quality control	3 EKF control solutions available Hb-con low Hb-con norm Hb-con high
Interface	Printer (RS 232 C)
Memory	Up to 4,000 results including date and time

For additional quality control or an additional check of the device in certain intervals a control cuvette is at your disposal.



Evaluation results with venous blood: Hemo_Control was measured against the international reference method.

Products and accessories:

HEMO_CONTROL SET

1 Hemo_Control photometer, 1 mains adaptor,
1 control cuvette
1 box à 50 pcs. microcuvettes (optional)
1 operators manual, 1 short instruction manual,
1 transport case (optional)

Hemoglobin microcuvettes

1 x 50 pcs.
5 x 50 pcs.

Control solution - Hb-con low

dropper bottle 1mL

Control solution set - Hb-con 2

dropper bottle, 1 mL Hb-con norm, 1mL Hb-con high

Optional:

- Cleaner for cleaning the optical unit
- Mains adaptor, mains plug
- Thermal printer DPU 414, printer lead
- Thermal paper
- Transport case
- Operators manual, short instruction manual

(All offers are subject to change and errors excepted, rights for alternative offers are reserved. All customers are bound by the terms and conditions of EKF-diagnostic sales GmbH)

Product guide on request. For further information please contact our sales team:

Sales:



Sales:

EKF-diagnostic sales GmbH
Ebendorfer Chaussee 3
D-39179 Barleben/Magdeburg

Tel. +49(0)39203-785-0
Fax +49(0)39203-785-24
www.EKF-diagnostic.de

Producer:

EKF-diagnostic GmbH
Ebendorfer Chaussee 3
D-39179 Barleben/Magdeburg

Tel. +49(0)39203-785-0
Fax +49(0)39203-785-24
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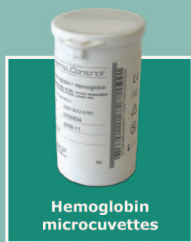
With hematocrit value

EKF
DIAGNOSTIC



HEMO-CONTROL

**The rapid
Hb-Test**



Hemoglobin microcuvettes



Control cuvette



Hb-con low
Hb-con norm
Hb-con high

Hemo_Control

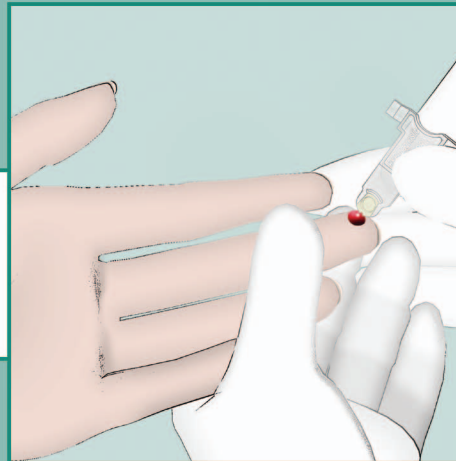
- Determination in approx. 25 s
- Sample volume 8 µL
- Graphical touchscreen
- No yearly inspection necessary
- Easy handling
- Neither any dilution nor additional reagents necessary

HEMO-CONTROL

- Professional hemoglobin measuring fast, accurate and easy!
- The intelligent efficiency analysis for a responsible pregnancy advise
- A medical companion for gynaecologist

Fast and easy measuring:

- A small amount of venous, arterial or capillary blood should be taken by the microcuvette, using the capillary effect.
- The so filled microcuvette can now be inserted into the Hemo_Control photometer.
- The colour which results of the chemical reaction inside the microcuvette will then be measured automatically.
- The measured hemoglobin value will be displayed.
- No need of capillaries, reagent tubes or reagents.



Importance of Hemoglobin measuring

During pregnancy the blood volume increases by storage of water and sodium. This leads to a blood thinning which increases the fluidity of the blood and thus it is enabling a sufficient supply of the maternal organs and the unborn baby. The hemoglobin value of the pregnant women is going down with the blood thinning. This is the reason for the two- till threefold increased iron requirement of pregnant women because iron is necessary for the production of hemoglobin. A sufficiently high hemoglobin value is necessary to guarantee the oxygen supply of the unborn baby. Therefore it is checked also in the context of a preventive medical checkup. A too low hemoglobin value can be indication of an unbalanced iron content which can be supported by iron tablets. A non treatment can lead to anaemia. The development of the unborn baby would suffer from this which could cause serious disorders.

The importance of the hemoglobin determination is also explained in the "motherhood guidelines".

