

CompoLab TS

FAST AND ACCURATE
HEMOGLOBIN SCREENING



« measurement
within 2 seconds!



**FRESENIUS
KABI**

caring for life

CompoLab TS

Innovative hemoglobin screening technology

CompoLab TS is one of the fastest devices for measuring hemoglobin from human capillary whole blood. Using a motor driven cuvette holder, operation has become very easy while ensuring excellent measuring accuracy at the same time. The hemoglobin value is measured with a drop of blood in a cuvette **within 2 seconds** and displayed on a color screen.

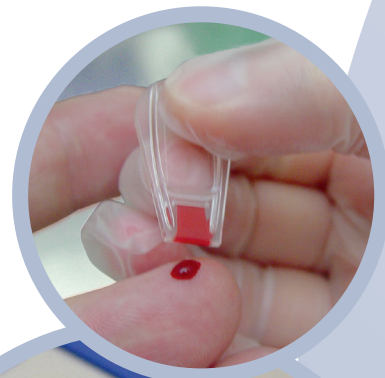
Reagent free cuvettes

- There is no reagent in the cuvette
- There are no reactions taking place in the cuvette
- Cuvettes are insensitive to humidity and/or temperature
- Shelf life of the cuvettes is 2.5 years
- Opening the bag of cuvettes does not affect the expiration date

Benefits include:

Less false results and waste due to long shelf life of opened bag

- Vented to avoid air bubbles in the filled cuvette
- Cuvette can be filled from any angle
- Fits either side up in the cuvette holder
- Easy to pick up from a surface
- Does not stain working surface





- **Measures Hb within 2 seconds**
- **Reagent free disposable not influenced by temperature and/or moisture**
- **Accurate measurement using broad spectrum photometer**

- Built-in self-check before every measurement
- Always ready for measurement, even in stand by mode
- Automatic cuvette holder, ejects the cuvette after measurement
- Li-ion battery, over 40 hours usage with a fully charged battery
- Low maintenance equipment
- USB connection for charging

The CompoLab TS measures the Total Spectrum of Hb

- The CompoLab TS is based on a broad spectrum photometric measurement of hemoglobin in unaltered capillary whole blood¹. Each hemoglobin fraction has a specific absorbance spectrum. The measured spectrum is the sum of all fractions, which is the total Hb.
- The Hb concentration is calculated from measured absorbance at multiple wavelengths.
- Patented technology compensates for light scattering.
- Turbidity is measured and compensated for.

Ordering information

For more information such as technical details and manuals, please contact your local sales representative or us.

Order number

9033300	CompoLab TS, in transport case, including power adapter and manual
9033310	CompoLab TS cuvette, 100 cuvettes in foil bag (5 bags per case)

Technical data

Measuring range	0-255 g/L (0-25.5 g/dL, 0-15.9 mmol/L)
Measurement accuracy	+/- 0.3 g/dL for 0-20 g/L, +/- 0.7 g/dL for > 20 g/dL, compared to HICN, ICSH
Storage	Cuvettes can be stored at 0°C to +50°C and temperatures of -30°C to +70°C during transport are permitted within 24 hrs max.
Duration of use	Approx. 40h continuous, with a fully charged battery
Power supply	100-240 V AC, 50-60 Hz
Dimensions	14 x 21.5 x 7 cm (W x D x H)
Weight	500g

References

1. Goldman M, Uzicanin S, Yi QL, Acker J, Ramirez-Arcos S. Validation and implementation of a new hemoglobinometer for donor screening at Canadian Blood Services. *Transfusion* 2012;52:1607-1613



**FRESENIUS
KABI**

caring for life

Fresenius Kabi Deutschland GmbH
Else-Kröner-Straße 1
61352 Bad Homburg, Germany
Phone: +49 (0) 61 72 686 5047
Fax: +49 (0) 61 72 686 4728
compolabts@fresenius-kabi.com
www.fresenius-kabi.com

Your local sales organization: