CompoLab TS

FAST AND ACCURATE
HEMOGLOBIN SCREENING

measurement within 2 seconds!
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 blood. 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

<table>
<thead>
<tr>
<th>Order number</th>
<th>Description</th>
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<tbody>
<tr>
<td>9033300</td>
<td>CompoLab TS, in transport case, including power adapter and manual</td>
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<tr>
<td>9033310</td>
<td>CompoLab TS cuvette, 100 cuvettes in foil bag (5 bags per case)</td>
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</tbody>
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### Technical data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Measuring range</td>
<td>0–255 g/L (0–25.5 g/dL, 0–15.9 mmol/L)</td>
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<tr>
<td>Measurement accuracy</td>
<td>+/- 0.3 g/dL for 0–20 g/L, +/- 0.7 g/dL for &gt; 20 g/dL, compared to HiCN, ICSH</td>
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<tr>
<td>Storage</td>
<td>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.</td>
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<tr>
<td>Duration of use</td>
<td>Approx. 40h continuous, with a fully charged battery</td>
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<tr>
<td>Power supply</td>
<td>100–240 V AC, 50–60 Hz</td>
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<tr>
<td>Dimensions</td>
<td>14 x 21.5 x 7 cm (W x D x H)</td>
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<tr>
<td>Weight</td>
<td>500g</td>
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### References