



DiaSpect

Hemoglobin Analyzer



BLOOD BANK



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Hemoglobin Analyzer



Immediate hemoglobin results from a hand-held analyzer

- Results in just about 1 second
- Reagent-free microcuvettes
- 40 days or 10,000 tests continuous use
- 2½ years cuvette shelf life

Fast, easy to use and reliable in all climate conditions

Fast and accurate

- Results in just about 1 second
- Measuring range: 0 - 25.5 g/dL
- Imprecision (within run): CV < 1%
- Factory calibrated against HiCN reference method according to ICSH
- Photometric method with broad spectrum and compensation for turbidity and scattering
- No additional calibration required

Easy to use

- 'Always on' technology. The analyzer is always ready for use
- Automatic self-check between every measurement
- Long microcuvette shelf life: 2.5 years from date of production
- Microcuvettes unaffected by humidity or temperature and can be used until expiration date after opening the bag

Practical and portable

- Sample volume: <10 μ L
- Capillary or venous blood (EDTA and Heparin anticoagulant can be used)
- Maintenance free
- Operating ambient temperature: 10 $^{\circ}$ C to 35 $^{\circ}$ C
- Storage temperature: 0 $^{\circ}$ C to 50 $^{\circ}$ C (- 30 $^{\circ}$ C to 70 $^{\circ}$ C up to 24 hours maximum.)
- Integrated rechargeable lithium-ion battery (40 days / 10,000 tests of continuous use)
- Compact: 150 (d) x 90 (w) x 40mm (h)
- Lightweight: 180 g
- Connect to PC via USB 2.0 or Bluetooth (optional)



1

Collect blood sample



2

Insert the filled cuvette and press down gently



3

Results appear in just about 1 second

Sampling



1 Disinfect and dry the puncture site



2 Make the incision on the side of the finger tip



3 Wipe away first 3 drops of blood then fill the cuvette without interruption



4 Wipe off the outside of the cuvette. Check that the cuvette is completely filled

Measuring



1 Insert the filled cuvette, press down gently and hold in position



2 The hemoglobin value will be displayed instantly



3 Pull out the cuvette quickly. Record the result as soon as the checkmark is shown



4 The result is displayed until the next measurement or until pressing down the cuvette holder

Cleaning

Use conventional solvent-free surface disinfectants, or alcohol based substances such as 70% isopropyl alcohol. Do not spray the instrument!



1 Pull the backside of the cuvette holder slightly towards you and lift up



2 Clean cuvette holder with cold water or mild detergent, followed by disinfectant



3 Reinsert the dry cuvette holder by pressing down until you feel a "click"



4 Clean device with cold water or mild detergent, followed by disinfectant