

# *Point of Care hemoglobin screening in just 1 second*



## **DiaSpect Tm hemoglobin testing features:**

- Reagent-free Cuvette for all climate conditions
- Cuvette shelf life of 2.5 years even in opened package
- More than 40 days / 10,000 tests mobile operation
- USB connector and charger for multiple sources of electricity, e.g. socket, laptop or solar panel
- Bluetooth connectivity available

## System Specifications

<b>Intended use</b>	Determination of the hemoglobin (Hb) level in fresh human blood
<b>Type of measurement</b>	Photometric, broad spectrum with compensation for turbidity and scattering
<b>Specimen</b>	Fresh capillary or venous blood. Dry type of anticoagulant, EDTA and Heparin can be used.

## DiaSpect Tm Analyzer and Accessories, 90C.0100



<b>Description</b>	Innovative, microprocessor controlled sensor system
<b>Range</b>	0–255 g/L (0–25.5 g/dL, 0–15.9 mmol/L)
<b>Measuring time</b>	1–2 seconds
<b>Calibration</b>	The analyzer is factory calibrated against ICSH reference method
<b>Quality Control</b>	Automatic self control and zero setting between every measurement
<b>Operating temperature</b>	+10°C to +35°C
<b>Storage temperature</b>	0°C to +50°C (–30°C to +70°C during transport, 24 h max.)
<b>Wave length range</b>	450 nm–750 nm
<b>Power supply integrated</b>	3.6V integrated lithium-ion rechargeable batteries
<b>Power adapter Input</b>	100–240 V AC, 50–60 Hz
<b>Duration of use</b>	Several weeks for a fully charged battery and continuous use
<b>Data interface</b>	USB 2.0, Bluetooth Smart (optional)
<b>Dimensions</b>	15x9x4 cm (L x W x H)
<b>Weight</b>	185 g

## DiaSpect Hb cuvettes, 90C.0001



<b>Description</b>	Disposable combined pipette and measuring micro cuvette
<b>Sample volume</b>	<10 µL
<b>Package</b>	100 cuvettes in metal foil bag (5 bags per cardboard transport box)
<b>Material</b>	PMMA ('Plexiglass')
<b>Storage temperature</b>	0°C to +50°C (–30°C to +70°C during transport, 24 h max.)
<b>Expiry</b>	2.5 years from production date
<b>Reagent</b>	n/a
<b>Disposal</b>	Blood filled cuvettes shall be disposed of as hazardous waste

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