

prospect

HAEMOGLOBIN

*ticks all the boxes ✓
for Point of Care testing*



Compared with existing technologies,
Prospect Haemoglobin is:

- ✓ Much faster - 1 second analysis
- ✓ Easy to use and maintain
- ✓ Very cost effective

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HAEMOGLOBIN

Haemoglobin Analyser specifications and accessories

System specifications

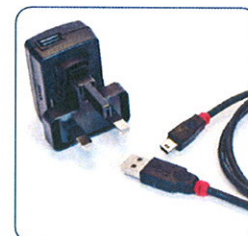
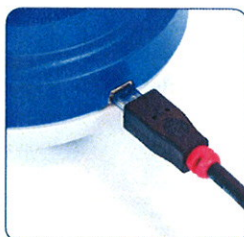
Intended use	Determination of haemoglobin (Hb) concentration in fresh whole blood
Type of measurement	Spectrophotometric measurement - broad spectrum with compensation for scattering and turbidity
Specimen	Fresh capillary or venous whole blood. EDTA or heparin may be used as anticoagulant in dried form

Analyser & accessories

Code: 90C.0100



Description	Innovative, microprocessor controlled sensor system
Range	0 - 255 g/L
Measuring time	1 - 2 seconds
Calibration	The analyser is factory calibrated against the ICSH reference method
Quality control	Automatic system check and zero setting between each measurement
Operating temperature	+10°C to +35°C
Storage temperature	0°C to +50°C (-30°C to +70°C during transport, 24 h max.)
Wavelength range	450 - 750 nm
Integrated power supply	3.6V integral lithium-ion rechargeable batteries
Power adaptor input	100 - 240 V AC, 50 Hz
Duration of use	For mobile application - more than 40 days or 10,000 measurements
Data interface	USB 2.0, Bluetooth Smart (optional)
Dimensions	15 x 9 x 4cm (L x W x H)
Weight	185g



Hb Cuvettes

Code: 90C.0001



Description	Disposable combined pipette and measuring cuvette
Sample volume	<10 µL
Package	100 cuvettes in metal foil bag (5 bags in each outer box)
Material	PMMA ('Plexiglass')
Storage temperature	0°C to +50°C (-30°C to +70°C during transport, 24 h max.)
Expiry	2.5 years from the date of production, whether opened or sealed
Reagent	Reagent-free cuvette suitable for all climatic conditions
Disposal	Blood-filled cuvettes should be disposed of as bio hazardous waste

