

# 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

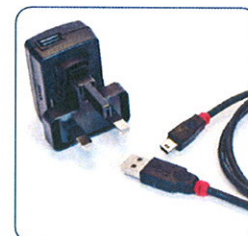
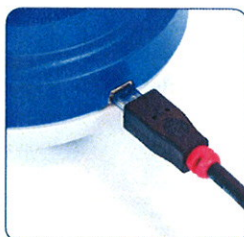
<b>Intended use</b>	Determination of haemoglobin (Hb) concentration in fresh whole blood
<b>Type of measurement</b>	Spectrophotometric measurement - broad spectrum with compensation for scattering and turbidity
<b>Specimen</b>	Fresh capillary or venous whole blood. EDTA or heparin may be used as anticoagulant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

### Analyser & accessories

Code: 90C.0100



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



### Hb Cuvettes

Code: 90C.0001



<b>Description</b>	Disposable combined pipette and measuring cuvette
<b>Sample volume</b>	<10 µL
<b>Package</b>	100 cuvettes in metal foil bag (5 bags in each outer 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 the date of production, whether opened or sealed
<b>Reagent</b>	Reagent-free cuvette suitable for all climatic conditions
<b>Disposal</b>	Blood-filled cuvettes should be disposed of as bio hazardous waste

