



## Automatic Haemoglobin Meter

Type: HEM-1C



HEM-1C

High precise photometric devices for haemoglobin measurements with digital display and easy to use. Simple calibration. Vertical type HEM-1C for clinics and hospital use and Horizontal type HEM-1 as a portable device.

### Features:

- Automatic temperature compensation, high stability and accurate measurements
- Advanced photoelectric measurement system.
- Vertical type HEM-1C suitable for laboratory use or horizontal type HEM-1 convenient for carrying up.
- Standard calibration memory can automatically save the calibration results for one time.
- Easy to use and unnecessary to calibrate repeatedly.



HEM-1

## Specifications

	HEM-1C	HEM-1
Test Parameter:	Hemoglobin (HGB)	Hemoglobin (HGB)
Test Method:	High ferricyanide	High ferricyanide
Wavelength:	540 nm	540 nm
Display:	3-digits LCD Display	3-digits LCD Display
Measuring Range:	0~200 g/L	0-240 g/L
Tolerance:	≤2%	≤ 2%
Linear Range	≤ 5% FS	≤ 5% FS
Standard setting	0~200 g/L	0 ~ 240 g/L adjustable (integral multiple of ten)
Dilution Ratio:	1:251 / 1:501	1:251
Sample Volume:	2mL ±10%	1~9ml, ten grades adjustable
Test Time:	≤8s	≤ 4 s (minimum absorption)
Stability	3g/L 0.5h	≤ 1 g/L/h ( at 25°C ±10°C )
Linearity Error:	<100g/L ±3g/L <100-200g/L ±3%	<100g/L ±2g/L <100-240g/L ±3%
Sustained Operation:	>8 hour	≥ 10 hours
Power Supply:	AC220V ±10%, 50Hz ±2%	AC220V ±10%, 50Hz ±2%
Input Power:	20W	10W
Air pressure	86 ~ 106 kpa	86 ~ 106 kpa
Conditions	humidity: ≤ 85%, temperature 25°C ±10°C	humidity: ≤ 85%, temperature 25°C ±10°C
Dimensions:	29 × 25 × 180 cm, Weight: 2,5 kg	29 × 25 × 180 cm, Weight: 2,5 kg