

i-SmartCare 10

Blood Gas, Electrolyte & Metabolites Analyser



Fast, Accurate Results
In Just 50 Seconds

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Blood Gas, Electrolyte & Metabolites Analyser

The i-SmartCare™ 10 is a fast, accurate Blood Gas, Electrolyte & Metabolites Analyser that provides results in just 50 seconds.

Features

- All-in-one cartridge system allowing for easy and simple management
- Light and compact in size, optimised for Point Of Care use
- Parameters include pH, pCO₂, pO₂, Na⁺, K⁺, Ca²⁺, Cl⁻, Hct, Glu, Lac
- 100µl sample volume
- Results in 50 seconds
- Automatic Calibration
- Large LCD touch screen
- Built-in thermal printer
- Built-in high capacity battery allows for mobility and continuous testing (2 hours battery life)



Specifications

Dimensions:	269 x 391 x 255 mm
Weight:	8.4kg
Display:	9 inch TFT LCD touchscreen
Printer:	2 inch built-in thermal printer
Interface:	USB (2-Port), Serial (RS-232), LAN (RJ45 Ethernet)
Power:	100-240 VAC, 50/60 Hz
Built-in Battery:	Up to 2 hours of sample measurement (Lithium ion cell)
CarePak 106 Cartridge:	Measured Parameters: pH, Na ⁺ , K ⁺ , Ca ²⁺ , Cl ⁻ , Hct Calculated Parameters: pH(T), ctHb, Ca ²⁺ (7.4)
CarePak 108 Cartridge:	Measured Parameters: pH, pCO ₂ , pO ₂ , Na ⁺ , K ⁺ , Ca ²⁺ , Cl ⁻ , Hct Calculated Parameters: pH(T), pCO ₂ (T), pO ₂ (T), ctCO ₂ , cHCO ₃ ⁻ , cHCO ₃ ⁻ (std), BE(ecf), BE(B), Anion gap, ctHb, Ca ²⁺ (7.4), pO ₂ (A-a), sO ₂

CarePak 110 Cartridge:	Measured Parameters: pH, pCO ₂ , pO ₂ , Na ⁺ , K ⁺ , Ca ²⁺ , Cl ⁻ , Hct, Glu, Lac Calculated Parameters: pH(T), pCO ₂ (T), pO ₂ (T), ctCO ₂ , cHCO ₃ ⁻ , cHCO ₃ ⁻ (std), BE(ecf), BE(B), Anion gap, ctHb, Ca ²⁺ (7.4), pO ₂ (A-a), sO ₂
Sample Type:	Heparinised whole blood
Sample Volume:	100µl
Sample Introduction Method:	Aspiration
Measurement Time:	50 seconds
Calibration:	Automatic or manual

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