RAPIDPoint® 500e

Blood Gas System

CRITICAL CARE.
TRUSTED TECHNOLOGY.

Advanced Partner

Laboratory Diagnostics
Point of Care Solutions

SIEMENS
Healthineers

"PASSIONATE ABOUT LABORATORY DIAGNOSTICS"

WOODLEY
EQUIPMENT COMPANY LTD.

RAPIDPoint® 500e
Blood Gas System

Siemens Healthineers RAPIDPoint 500e Blood Gas System is designed to meet the challenges of Point of Care testing by providing fast, accurate and comprehensive test results.

FEATURES

- Accurate, lab-quality test results in 60 seconds
- Easy to use, reliable, maintenance-free operation with cartridge based system, automatic calibration and QC
- Robust accuracy for sample to sample by leveraging the Siemens Healthineers designed Integri-sense™ technology
- Onboard software defences provide reassuring level of protection against cyber attacks and confidential data theft
- Simple touch screen - simply press start after inserting a sample
- Preset custom panels
- Hands-free automatic sampling with universal sample port
- Integrated barcode scanner

Ideal for sites with the larger workload

RAPIDPoint 500e Tests

Blood Gas: pH, pCO_2, pO_2
Electrolytes: Na^+, K^+, Ca^{++}, Cl^-
Metabolites: Glu, Lac
Co-oximetry: nBili, tHB, sO_2, O_2Hb, HHb, COHb, MetHb
Sample Volume: 100µl

Weight & Dimensions
Weight: 16.55kg
Width: 30cm
Depth: 42cm
Height: 55cm
Touchscreen: 21.1x15.8 cm

Communications
- LIS
- Wireless
- Dual-port transmission via Ethernet and serial port

EASY OPERATION

1. Scan the sample using the integrated barcode reader

2. Insert the sample

3. Analyse and receive results in 60 seconds

Integri-sense™ Technology
Integri-sense™ Technology is a comprehensive series of analyser functional checks and flagging mechanisms designed to deliver accurate test results. It performs frequent quality and blood integrity checks before, during and after every patient sample. Three levels of independent automatic quality control, multiple calibration routines and advanced software algorithms combine to enable the RAPIDPoint 500e Analyser to be ready to generate reliable and clinically actionable test results each and every time.

Data Security
Depend on the RAPIDPoint 500e System to raise the bar in blood gas IT security with the latest defences to guard confidential patient data coupled with the leading built-in technology to protect from external cybersecurity threats. The Windows® 10 operating system has been equipped with McAfee embedded anti-malware, which blocks unknown and unauthorised programs from running. Other key security advantages include a two-step authentication process, an encrypted password requirement for patient data transfer and the inclusion of a firewall to block hacking attempts.

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