Abbott i-STAT Portable Clinical Analyser

Available for hire or purchase for your clinical trial.

Overview

The i-STAT portable clinical analyser is a true Point Of Care analyser designed to be used at the patients bedside for critical care tests such as blood gases, electrolytes, metabolites and coagulation. There are a number of cartridges testing different combinations of analytes therefore eliminating the need for different analysers.

Only a few drops of whole blood are required for testing, between 65 and 95 μl. Samples are processed immediately and provide lab-quality results in 2 minutes making the i-STAT quick and easy to use.

Operating Feature

Uses biosensor technology and advanced microfluidics
• Automatic calibration
• Fast, reliable lab accurate results in just 2 minutes
• Portable: battery operated
• Up to 50 results automatically stored / 5000 in STAT1
• Minimal maintenance required
• Small sample size required - just two drops of blood
• Security features and lockout protocols assure test result integrity
• Virtually eliminates manual entry errors through integrated bar code scanning (STAT 1 only)
• Effortless connectivity with the laboratory via a state-of-the-art data management system or print directly to an external printer
• Liquid quality controls available
• Operator and Patient ID
• STAT1 has password protection
• Wide test menu including:
  Blood gases    Electrolytes
  Chemistries    Coagulation
  Cardiac markers (cTnI)  Haematology

Specification

• Display: dot matrix super twist LCD
• Communication link: infrared transmitter and receiver
• Calibration: factory, electronic, mechanical, thermal, pressure
• Power: two 9-volt lithium batteries
• Operating Temperature: 16°C to 30°C
• Operating Humidity: 0 to 90% RH
• Barometric Pressure: 300 - 1000 mmHg
• Analyser Weight: 520g
• Analyser Dimensions: 209h x 64w x 52d mm

Please contact us for a quotation for the hire or purchase of this product

Product Description - Abbott i-STAT Portable Clinical Analyser
Product Code - WD7POC012 (US) WD7POC010
Product specifications can be subject to change without prior notice. Version: V4 19/10

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