

Features - IPA-1000 Series

- ◆ Easy to Use
- ◆ Easy to Clean
- ◆ Simultaneous Operation of Two Chambers
- ◆ Large Graphics Display with Cursor Selection of Options & Setup of Parameters
- ◆ Auto Chamber Recognition
- ◆ 2 Chamber Sizes (3.5 & 35 mL)
- ◆ Out of Sequence Sensing
- ◆ Battery Display (0 to 100%)
- ◆ Similar Function to Dynatech Nevada Model 404A
- ◆ Ranges 0 to 999.9 mL/hr & 0 to 9999 mL/hr
- ◆ $\pm 1\%$ of Reading Flow Accuracy
- ◆ Digital Calibration – No Pots to Turn
- ◆ Software Adjustable Contrast
- ◆ Replaceable Tubes
- ◆ Sealed Level Sensors
- ◆ Programmable End of Test Audio
- ◆ Programmable Auto or Manual Test Start

Optional

- ◆ Battery Eliminator

BC Group International, Inc.
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INFUSION PUMP TESTING

BC Biomedical IPA-1000 Series



The IPA-1000 Infusion Pump Analyzer Family is designed to test the flow rates of intravenous infusion pumps to ensure their correct operation. It is able to test up to two pumps simultaneously by the volumetric method in milliliters per hour. All tests are controlled by a Microprocessor which calculates and displays the results.

The fluid path is unobstructed, making them easy to clean. The tubes are plastic, not glass so they are rugged. The cables and chambers are interchangeable. The unit auto identifies each chamber when it is plugged in. The chamber calibration is stored electronically in each chamber, so all units are interchangeable. This unit is designed to be tough, simple, portable & very user friendly.

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BC BIOMEDICAL IPA-1000 SERIES

SPECIFICATIONS

Volumetric Tests

- ◆ Performs two independent tests, simultaneously
- ◆ Controls tests automatically, starting, stopping & resetting according to the position of fluid in chamber
- ◆ Ranges: Automatically selected when chamber is plugged in
0-999.9 mL/hr with 3.5 mL chamber 0-9999 mL/hr with 35 mL chamber
- ◆ Accuracy: Volumetric chamber: 3.5 or 35 mL (nominal)
Overall: $\pm 1\%$ of reading ± 1 digit

Display

- ◆ Graphic LCD, 128 x 64

Power Requirements

- ◆ 9V Alkaline
- ◆ Optional AC adapter

MODEL SUMMARY

BC Model	Description
BC10-03103	IPA-1000 plus one 3.5 mL Chamber & one Interconnect cable
BC10-03104	IPA-1000 plus one 35 mL Chamber & one Interconnect cable
BC10-03105	IPA-1000 plus two 3.5 mL Chambers & two Interconnect cables
BC10-03106	IPA-1000 plus two 35 mL Chambers & two Interconnect cables
BC10-03107	IPA-1000 plus one 3.5 mL Chamber, one 35 mL Chamber & two Interconnect cables

Individual Components

IPA-1000 Infusion Pump Display

MC3.5-1000 3.5 mL Chamber

MC35-1000 35 mL Chamber

Optional Accessories

BC20-30109 Soft Carrying Case

BC20-40607 IPA-1000 Interconnect Cable

BC20-21100 Battery Eliminator 120V

BC20-21101 Battery Eliminator 220V



Optional Soft Carrying Case shown with Chambers mounted in shock resistant inserts. Analyzer & Accessories may be stored in upper compartment.

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