

Features - IPA-3100

- Small Footprint
- Integrated Stylus
- Easy to Use
- Intuitive Interface
- High Accuracy
- 4.3" Color Touch Screen
- Smooth Dual Syringe System – Eliminates Drain Cycle Inconsistencies
- Whisper Quiet Operation
- Automatic Start
- Built-in Data Collection (250 Records with Detailed Asset Information)
- PDF Reports available through BC Flow (PC Software)
- Industrial Grade SS Pressure Sensor
- 0.1 mL/Hr to 1000 mL/Hr
- Micro USB Port
- PC Compatible
- Configurable Pressure Unit (PSI, mmHg, mBar, kPa)
- Bluetooth Compatible with myBC Mobile App (Android/iOS)

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Infusion Pump Analyzer: IPA-3100



The **IPA-3100** is the most compact, feature dense single channel analyzer on the market. It is a high accuracy, easy to use system that incorporate full touch screen control with an intuitive interface. Our Patented design uses a dual syringe stepper motor driven system that provides continuous monitoring of the fluid flow without the need to stop and perform intermittent drains like older technologies do. This provides a more realistic flow path for the Infusion Device under test and therefore more accurate readings.

The **IPA-3100** has configurable test parameters which allows for specific test routines specified by various manufacturers. Tests can be stored manually or automatically up to 250 different records. These test records can be downloaded to a computer to then create reports that can be printed.

The **IPA-3100** is Bluetooth capable to allow for wireless testing and control. With the use of **myBC Mobile** or BC Flow, multiple test configurations can be stored for quick testing. Records of each test can be created and then saved for later viewing and analysis. Reports can also be generated from test records for in-depth analysis and/or traceability.

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SPECIFICATIONS

FLOW MEASUREMENTS		
Flow Rate	0.01 mL/hr to 1000 ml/hr	
Flow Resolution	0.01 mL/hr	
Accuracy (After 30 Seconds)	1% reading + 0.005 mL/hr	0.1 to 9.9 ml/hr
	1% of reading	10 to 700 ml/hr
	2% of reading	700-1000 ml/hr
Back-Pressure	0.200 PSI	
Minimum Volume	0.05 mL	
Measurement Rate	10 Hz	

VOLUME MEASUREMENTS	
Range	0 to 2000 mL
Resolution	0.001 mL
Accuracy	1% reading after 0.100 mL

PRESSURE MEASUREMENT	
Range	-5 to 50 PSI
Resolution	0.001 PSI
Accuracy	0.1% FS
Pressure Units	PSI (Default), mmHg, mBar, kPa
Measurement Rate	10 Hz

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SPECIFICATIONS

ELECTRICAL	
AC POWER	100-240 VAC, 50/60 Hz
AC POWER ADAPTER	12 VDC, 1.5 A ⊕ ⊖ ⊖ BC20-21115 (Universal)
BATTERY	Internal Rechargeable Li-Ion battery pack
BATTERY RUNTIME	12 Hours Idle, 3-4 Hours Continuous Testing

PHYSICAL & ENVIRONMENTAL		
DISPLAY	4.3" Color Touch screen	
SIZE	6.2" x 4.8" x 4.3" (L x W x H) 157.5 x 121.9 x 109.2 mm (L x W x H)	
WEIGHT	<3lbs. (1.4 kg)	
CONSTRUCTION	ENCLOSURE	ABS Plastic
	OVERLAY	Back-Printed Lexan
OPERATING RANGE	15 to 40 °C (59 to 104 °F)	
STORAGE RANGE	0 to 50 °C (32 to 122 °F)	

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