

Infutest Solo

Single Channel Infusion Device Analyzer

Infutest Solo meets the needs of customers who desire a highly accurate infusion device analyzer capable of measuring infusion device output flow patterns (including pulsatile flows), but can manage their work load with a cost effective single-channel analyzer.

The Infutest Solo has internal memory storage for up to 120 tests. Or, since Solo is a member of the Datrend ES601 Plus System Connectivity Family, you can connect Solo to the ES601 Plus program any of its 60 Tester Autosequences to automatically execute the infusion device test protocol of your choice.

When not connected to the ES601 Plus, it's still easy to get information about the device under test into Solo. Just use the front panel keypad or connect an external barcode reader to scan the control number of the pump you are testing. Store the test results on all of the pumps you process, then transfer the test data to the Infutest Solo PC Utility Software at your convenience via USB or RS232. It's that easy!

Features:

Accuracy – Better than 1% on ALL pumps, including Baxter Colleague and Alaris® Signature.

Portability – Infutest Solo allows both line and battery operation. Battery provides up to 30 hours of continuous operation.

Auto-Test Mode – Enables automatic flow and pressure test for VTBI/Dose accuracy tests and more.

Multi Pump Test Results – Infutest Solo will retain the test results for more than 120 pump tests in internal memory until downloaded to a PC.

Keypad Input – Infutest Solo allows the user to enter an equipment control number from the front panel keypad or by using the optional RS-232 barcode scanner to uniquely identify individual tests.

USB Connectivity – Infutest Solo incorporates USB communication capabilities for efficient data transfer to your PC.

Data Transfer – Infutest Solo comes complete with Windows based data transfer program (DTP-Solo) for quick and easy data transfer, plus organization and printing of test results.

ES601 Plus Connectivity – Connect Solo to your ES601 Plus Automated Electrical Safety & Performance Analyzer for the ultimate in capability and flexibility!



Infutest Solo

Innovation by design

Infutest Solo – Performance Specifications

Flow Test

Flow Measurement:

Range: 1 - 1200 ml/hr
Resolution: 0.001 to 1 ml depending on rate
Accuracy: $\pm 1\%$ of reading

Volume Measurement:

Range: 0 - 9999 ml
Resolution: 0.001 ml to 1 ml depending on volume
Accuracy: $\pm 1\%$ of reading

Elapsed Time Measurement:

Range: 0 - 100 hours
Resolution: 1 second
Accuracy: $+0 / -1$ second
Format: HH:MM:SS (hours, minutes, seconds)

Occlusion Pressure Test

Pressure Measurement:

Range: 0 - 2586 mmHg (0 - 50 psi)
Resolution: 1 mmHg
Accuracy: $\pm 1\%$ of reading, ± 5 mmHg

Elapsed Time Measurement:

Range: 0 - 100 minutes
Resolution: 1 second
Accuracy: $+0 / -1$ second
Format: MM:SS (minutes, seconds)

Automatic Pump Test

Infusion Timer

Range: 0 - 9999 seconds
Resolution: 1 second
Accuracy: $+0 / -1$ second

Occlusion Timer

Presets: OFF, 1, 2, 3, 5, 10, 20 min
Accuracy: $+0 / -1$ second

Non-Volatile Memory Capacity: 123 Test Records

Interface

User Interface:

20-character by 2-line LCD
12-button membrane-type keypad
LCD contrast control

Fluid interface: Input: Delrin twistlock, self-sealing

Output: Delrin twistlock

USB Port:

Connector: Type "B"
Protocol: USB 1.1 or USB 2.0 compatible
Data Rate: 64 bytes per millisecond

RS-232 Port

Connector: DB9M
Protocol: RS-232C; bidirectional; CTS handshaking;
9600 baud, 8-N-1

Power Supply:

Internal 12V NiCad, operation time (approx) 30 hours.

Charger:

Universal 100-240 VAC to 18VDC c/w adapter clip
Adapter clips available for North America, Europe, UK,
and Australia

Environment:

15°C to 40°C
10% to 90% RH
Indoor Use Only, Category II, Pollution Degree 2

Dimensions:

8.5" W x 6" D x 10" H (22 cm W x 15 cm D x 26 cm H)

Weight:

Unit and AC Adapter: 5.0 lbs. (2.3 kg)

Infutest Solo is for those with a light to moderate infusion device testing workload, where a high level of precision is desired.

Pulsatile Flow Compatible!

All specifications subject to change without notice.



130 - 4020 Viking Way, Richmond BC, Canada V6V 2L4
Phone: 604.291.7747 • Fax: 604.294.2355
Toll-free (North America only): 800.667.6557
Email: customerservice@datrend.com

© DATREND SYSTEMS INC. JULY 2014