



Datrend Systems Inc.

Innovation by Design

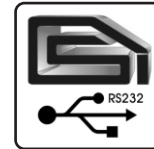
Infutest Solo

Single Channel Infusion Device Analyzer



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!



ES601 Plus
System Connectivity

Datrend Systems was one of the early innovators in high-accuracy infusion device testing with the introduction of the original Infutest 2000 back in the early 1990's. Building upon the basic design principles of the current vintage Infutest 2000 Series E fluid measurement technology platform, the Infutest Solo meets the needs of customers who still desire a highly accurate infusion device analyzer, capable of a variety of 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 and use any of its 12 IV Pump Autosequences. A "starter set" of autosequences is provided in the ES601 Plus, and each of these is fully editable for total customization to the exact set of infusion devices that you may have.

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!

Highlights of the Datrend Infutest Solo are...

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.

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 (98/2000/XP) 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!

The Infutest Solo is backed by the Datrend Systems 5-Year Warranty!

Infutest Solo

Flow Test

Flow Measurement

Range: 1 - 999 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)

Auto 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



8002-120 120V, North America
8002-220 230V, EU
8002-240 230V, United Kingdom
8002-241 230V, Australia

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)

Accessories

Standard Accessories:

Operating Manual (P/N 6100-400)
Universal AC Adapter (P/N 3000-400)
Adapter Blades for AC Adapter:
- North America (P/N 3000-401), or
- Europe (P/N 3000-402), or
- UK (P/N 3000-403), or
- Australia (P/N 3000-404)
Input/Output tubing set (P/N 7300-012)
Flushing syringe (60cc) (P/N 7006-006)
USB cable (A-B Male) (P/N 3140-403)
Data Transfer Program (**DTP Solo**) for Windows 98/2000/XP,
on CD-ROM (P/N 6950-002)

Optional Accessories:

Computer interface cable (RS-232), DB9F - DB9F (P/N 3140-400)
Computer interface adapter (RS-232), DB9M - DB25F (P/N 3140-401)
Printer interface adapter, DB9M - DB25M (P/N 3140-402)
Barcode Pen Reader (P/N 7050-050)
Barcode CCD Scanner, RS-232 (P/N 7600-051)
Barcode CCD Scanner, PS/2 (P/N 7600-052)



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