



Rigel Multi-Flo

Infusion Pump Analyzer that can double your test capacity



The market defining Rigel Multi-Flo Infusion Pump Analyzer is a portable instrument to accurately and swiftly verify the performance of all infusion devices. It offers ease of use, high accuracy readings and productivity improvements right from the start.

The Rigel Multi-Flo can test up to four infusion devices simultaneously across a range of 10µL up to 1500mL per hour, with all results being stored in the large internal memory. The Multi-Flo delivers unique accurate and instantaneous

flow measurements even at low flow rates.

Why buy the Rigel Multi-Flo?

- > IEC 60601-2-24 compliant
- > Provides accurate back pressure simulations, occlusion alarm monitoring and bolus (PCA) measurements
- > Available in 1, 2 and 4 individual channel configurations
- > A large colour graphics display presents the data in both numerical and graphical format



Key Features:

- > Remote control interface using our Med-eBase software
- > Test up to four infusion devices simultaneously
- > Onscreen graph for instantaneous flow and pressure measurements
- > Fully traceable results and automatic data capture



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What's in the box?

- > Rigel Multi-Flo
- > Calibration Certificate
- > Mains Power Lead
- > USB Lead

Optional Accessories:

- > Med-eBase test solution software (383A910)
- > Replacement priming kit (385A951)
- > MICRO-90 Concentrated Cleaning Solution (1 litre) (385A952)
- > Mains fuse, 20 x 5mm T3.15A 250V (27B044)
- > USB Keyboard (On Request)

Service and Warranty

The Multi-flo comes with a free 12-month warranty, subject to terms and conditions, available at

rigelmedical.com/register

Technical Specification:

Flow Measurement

Display range	0.010 to 1500ml/h
Max. display resolution	10µl/h
Measured range	0.100 to 1450ml/h
Low flow rate Accuracy (0.1-9.9 ml/hr)	1% of reading + 0.005 ml/hr
Midrange flow rate Accuracy (10-700 ml/hr)	1% of reading
High flow rate Accuracy (701-1500 ml/hr)	(1+x) % of reading Where x = 0.0033% *(flow rate - 700ml/hr)
Volume	0.001 to 9999ml
Flow update rate	1Hz

Occlusion / back pressure measurement

Pressure measurement range	-500 to 2500mmHg
Accuracy	-500 to 1000mmHg ±10mmHg 1000 to 2500mmHg ±1% of reading
Back pressure setting range	-200 to 600mmHg
Unit selection	mmHg, PSI, Bar, kPa
Max. resolution	1mmHg

PCA / Bolus measurements (Volume)

Display Range	0.1 to 100ml
Measuring Range	0.5 to 100ml
Accuracy	± 1% of the reading
Max. resolution	10µl
Basal flow rate	1ml to 30ml/h
Pressure	Max. 2500mmHg

General Specifications:

Storage	360h of testing at 1 second sampling rate
Dimensions	300mm x 204mm x 220mm
Weight	5kg (1 channel) 6kg (2 channel) 8kg (4 channel)
Mains supply	90 - 264 VAC, 50/60 Hz, 60W
Mains cable	Standard IEC 10A connector
Pollution degree	2
Overvoltage category	CAT II
Environmental protection	IP40
PC Communication	USB B
Keyboard Communication	USB A
Display	LCD colour display 1/4" VGA
Operating conditions	15°C to 40°C, 0 - 90% RH
Storage conditions	0°C to +50°C, 0 - 90% RH

Rev 3



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