

PRONK TECHNOLOGIES

# FlowTrax<sup>®</sup>

IV Pump Analyzer

**Faster**  
**Smaller**  
**Smarter**  
**Easier**  
**at Half the Cost**

## Infusion Testing

1% accuracy in 3 minutes or less  
Faster occlusion testing  
"Walk away" testing

## Pressure Testing

Full feature Pressure Meter  
-12.5 to +75PSI  
0.5% accuracy

## Temperature Testing

-28.9° to +115.5° C  
0.1% ± 0.2° C accuracy



# FlowTrax<sup>®</sup>

**Flow** - Unrivaled speed in acquiring accurate flow rates and volumes with patent pending flow tracking technology. ***Accurate measurements in less than half the time*** of older test methods.

**Volume** - Volume calculation is accurate, quick and ***requires less than half the volume of other analyzers*** to meet accuracy specification.

**Pressure** - Accurate from -12.5 to 75.0 PSI. Measures pressure/vacuum on anything from suction pumps to MedAir at the wall.

**Timer** - Integral Digital Stop watch/timer.

**Temperature** - Measure and display fluid temperature via YSI -400 temperature port.

**Adjustable Back Pressure** - User control of back pressure to both measure true occlusion alarm threshold and simulate lifelike infusion back pressure.

## Infusion Analyzer Specifications

### Accuracy

Flow and Volume measurements: 1% of reading +/- 1 LSD for flow rates of 1ml/hr to 999ml/hr. 2% +/- 1 LSD below 1ml/hr. Required for accuracy: For flow rates of 0.5ml/hr to 10ml/hr, minimum volume is 0.5ml. For flow rates of 10.1ml/hr to 199ml/hr, minimum time is 3 minutes. For flow rates of 200ml/hr to 999ml/hr, minimum volume is 10ml.

### Precision

Volume:  $\leq 0.01$  ml \*

\* Precision of FlowTrax is equivalent to 0.01 g based on the conversion of volume (ml) to weight (g) by calculation using standard temperature and density value of water. Precision was established using a rate of 500 ml/hr and a "dispensed" volume of 10 ml.

### Range

Flow: 0.5 to 999ml/hr.

Volume: 0.5 to 999ml.

## Pressure Meter Specifications

### Accuracy

Pressure: 0.5% of reading +/- 1 LSD accuracy across range (PSI), resolution of 0.01 PSI.

Units of Measure: mmHg, PSI (gauge), inH2O, cmH2O, kPa, atm, inHg, BAR (absolute), BAR (gauge).

### Range

-12.5 to +75.0 PSI.

## Temperature Meter Specifications

### Accuracy

Temperature: 0.1% +/- 0.2 degrees C, resolution of 0.1 degrees C.

### Range

-28.9 to +115.5 degrees C.

## General

Power: Powered by two AA (alkaline or lithium) cells or 6 VDC input.

Battery life: Alkaline- minimum 4 hours, Lithium- minimum 12 hours.

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