



# KRUTECH VIP 2000 Infusion Pump

- Design focuses on high levels of safety and performance
- Small, lightweight and compact infusion pump weighing in at a mere 360 g
- User-friendly control via the numeric keypad and full text LCD menu screens
- Supplied with Lithium-Ion battery. Rechargeable within 4 hours which will yield up to 20 hours run time - depending on the selected programme
- Suitable for delivering intravenous liquid, arterial infusion, medication, TPN solutions (Total Parenteral Nutrition) and blood
- Configured to utilize the KRUUSE IV infusion set with air inlet (cat. No 230616, 1/pk, Cat. No 230618, 25/pk)



Cat. No. 230625

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## Works up to 5 different programmes

### Continuous Programme

- Flowrate: 0.1 – 1200 ml/hour
- Total infusion volume: 0.1 – 9999 ml

### 25 Steps Programme

- A specific infusion protocol, including up to 25 steps, can be designed by the user. Used for medicating eg.
- Flowrate: 0.1 – 1200 ml/hour
- Total infusion volume: 0.1 – 9999 ml (for each step)
- Accumulated infusion volume for all steps: up to 10 l

### TPN Programme

- For TPN solutions (Total Parenteral Nutrition)

### Intermittent Programme

- For interval treatment (eg 100 ml/hour every four hours)
- The vein is kept open during the intermediate periods by continuous administration of minute quantities of infusion liquid.

### PCA Programme

- Eg for algolysis
- Works on programmable, continuous flow and includes an option of bolus administration (also programmable)

## Technical Specifications

Programmes	Continuous, intermittent, PCA, TPN and 25 steps
Flow Rate	All programmes excluding PCA: 0.1 – 1200 ml/hour in 0.1 ml or 1 ml increments. PCA: 0 to 100 ml/hour in 0.1 ml increments
Total Infusion Volume	Continuous, TPN, intermittent: 0.1-9999 ml. 25 steps: 0.1 – 9999 ml for each step. Accumulated volume for all steps up to 10 l. PCA: 0.1 – 1000 ml
Total Time Setting	100 hours
Accuracy	± 3% presupposing the use of the correct IV set
KVO Rate	0.1 to 5 ml/hour (user adjustable)
Air Sensor	Ultrasonic, adjustable air bubble size
Maximum Pressure	0.7 bar or 10 psi, adjustable (high/normal/low).
Power Supply	110-240 VAC, 50/60 Hz, 20 W.
Battery	Li-Ion 7.2 V, 1450 mA (rechargeable).
Battery Charging	Automatic when latched into the charger connected to an AC power source. Full charge: 4 hours will give approx. 20 hours run time depending on the selected programme
Alarms	End Programme, Low & End Battery, Air in line, Down Occlusion, Door open, Pump Unattended, Internal Malfunction, Locking State, Missing Key
Dimensions	170 x 89 x 85 mm (L x W x D)
Weight	0.36 kg including charger