

VET PRO

VIP 2000 VETERINARY INFUSION PUMP

Description

The VET-PRO ambulatory infusion pump has been designed to combine high levels of safety and performance together with very easy and reliable operation.

VET-PRO offers a comprehensive range of features, making it ideal for ambulatory use for mobile patients where absolute volumetric accuracy is required.

The VET-PRO features offers 6 main different programs: Continuous, Micro, T.P.N., Intermittent, Piggy and PCA.

The VET-PRO is a light and compact pump, employing advanced technology for maximum user-friendliness and performance.

The VET-PRO is equipped with LI-Ion rechargeable batteries (with no memory effect) that ensure continuous operation.

The VET-PRO constitutes a major advance in ambulatory pump technology. The pump incorporates both active and passive safety features and can be configured to fit individual requirements, giving it true multi-task capability. It is suitable for delivering intravenous fluids, drugs, TPN solution and blood. Can be used in both arterial and venous application. The infusion is suitable for epidural, subcutaneous and IV applications.



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Features

- High level of accuracy with excellent linearity even at low delivery rates.
- Pump is equipped with graphic LCD display featuring instructions for step-by-step data setting.
- Titration allows delivery rate to be adjusted while program is operating.
- Pump provides choice of entering either a delivery rate or a delivery time for an infusion.
- Pump information is displayed in various languages.

Specifications

INFUSION

Flow rate Micro, PCA-0.1 to 100 ml/hr in 0.1ml increments
Continuous, TPN, Intermittent, Bolus - 1 to 500 ml/hr in 1 ml
Increments

Accuracy Better than 2%

Volume to be infused Micro - 1000 ml
Continuous - 10,000 ml
KVO rate 1 ml/hr to 5 ml/hr

MECHANICAL

Pumping mechanism Pistons
Air bubble detector Ultrasonic
Maximum pressure 0.35 to 0.7 bars. (5-10 psi) adjustable
Dimensions 80 x 110 x 35mm. (3.1 x 3.9" x 1.4" (1 x h x w)
Housing ABS (flame retardant)
Weight Approx. 320 gr. (0.8 pounds)



ALARMS

- end program • low battery • air in line • down occlusion • door open • unprimed set
- keep open vein • pump unattend • internal malfunction • lock

Alarm condition accompanied by audible tone

POWER REQUIREMENTS

Power Requirements 110-220-V., AC, 50/60 Hz. 20w
Battery Rechargeable LI-Ion 7.2V, 1100 mAh.
Battery operation time 24 hours (at 125ml/hr) when fully charged

INDICATORS

AC icon—when pump is connected to Charger the icon lights and battery is automatically charged

DISPLAYS

- Actual flow rate • VTBI - volume to be infused • INFUSED volume
- TIME remaining pump • operation (Rabbit running) • OPEN VEIN - kvo
- program selected

All data is displayed graphically

Safety Features

Retains events in memory.

Lock option prevents data changing accidentally. Three Locking levels make it tamper-resistant, requiring a software access code for any parameter changes.

Can be connected to a Charger to enable AC operation while battery is being charged. The Charger has transmit / receive, and remote control (via Internet) features.

Flow control using 2 independent systems.

CE approved.
UL csa approved.

Optional Modifications

- MRI Compatibility
- Pulse Oximeter
- Syringe Attachment (see photo above)