













Experience the Reliability



VOLUMETRIC PUMP

Happier Living Everyday

Acura-V1

-  **Color Display**
High definition 3.2" Color TFT display with user friendly interface
-  **Multiple Infusion Modes**
In-built Flow rate, Time/volume, Dosage/Weight Infusion modes
-  **Double CPU**
Double CPU ensures safety and reliability of infusion
-  **Bolus Modes**
Dual bolus: Automatic and Manual along with Anti-Bolus function.
-  **Device Memory**
2000 history records and last configuration memory
-  **Accurate Infusion**
Precise control of the infusion rate and volume with Particular stage infusion mode
-  **Automatic IV Set Calibration**
Calibrated for all standard IV Infusion sets.
-  **Pressure Detection Feature**
Unique direct pressure sensor, dynamic pressure valve and picture display, 3 level occlusion sensitivities setting (the value of each level is programmable)
-  **Alarms**
Audio and visual alarms for alerts
-  **Fixation Clamp**
Vertical & Horizontal rotatable fixation clamp



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Product Specifications

Display	3.2 inch Color TFT (240X320 Pixels)
IV Sets	Standard IV sets of 20d/ml and 60d/ml, with diameter 3.4-4.5mm
Infusion Modes	Rate Mode, Time Mode, Drug/ Weight Mode, Drip Rate Mode(optional)
Infusion Accuracy	≤ ±5% (after calibration)
Volume Limit	1-9999 ml
Flow Rate Range	0.1 ml/hr-1200ml/hr (20d/ml IV set) 0.1 ml/hr-150ml/hr (60d/ml IV set)
BOLUS	Default 600ml/h, Values adjustable within 10-1200ml/hr (20d/ml IV set) Default 150ml/h, Values adjustable within 10-150ml/hr (60d/ml IV set)
BOLUS Accuracy	≤ ±5% (after calibration)
Purge Rate	600ml/hr (20d/ml IV set) 150ml/hr (60d/ml IV set)
KVO	0.1-10ml/hr (after infusion)
Occlusion Level	3 -level sensitivities setting
Bubble Detection	Ultrasonic with 3-level sensitivities setting, working frequency: 2MHz±5% Effective bubble detection volume:≥0.025ml
Audio & Visual Alarm	Door open, AIR in Line, Occlusion, No operation, Power OFF, Low Battery, Battery Err, Battery Lost, AC Lost, Sensor Err, Motor Err, Circuit Err.,COM. Err, Overflowing etc.
Power Supply	100V-240V AC, 50Hz/60Hz
Battery Type	Internal rechargeable Ni-mH DC12V 2000mAh
Battery Backup	4 hours at 25ml/hr after fully recharged
Classification	Class I, CF, IPX2
Dimensions	167mm(L) X 125mm(B) X 115mm(H) (handgrip and clamp excluded)
Weight	1.8Kg Approx.
Operational Conditions	Temperature: +5 °C - +40 °C Relative Humidity ≤80% Atmospheric Pressure 70KPa - 106Kpa
Storage & Transportation Conditions	Temperature: -22 °C - +55 °C Relative Humidity : 10% - 90% Atmospheric Pressure 70KPa - 106Kpa

CERTIFIED ISO 13485 : 2016 COMPANY

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