



Experience the
Reliability



Happier Living Everyday

SYRINGE PUMP

Acura-S1



Color Display

High definition 2.8" Color LCD with infusion rate display



In-built Drug Library

The device comes with an in-built drug library



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



Automatic Syringe Calibration

Calibrated for all standard syringe brands of 5ml, 10ml, 20ml, 30ml & 50/60ml



Pressure Detection

3 level occlusion sensitivities setting (programmable) with picture representation



Alarms

Audio and visual alarms for alerts



Fixing Clamp

Vertical & Horizontal rotatable fixation clamp

Product Specifications

Display	2.8 inch Color LCD
Syringes	5ml, 10ml, 20ml, 30ml & 50/60ml.
Infusion Modes	Rate Mode, Time Mode and Drug/Weight Mode
Time/Volume Mode	Volume: 9999.9ml, Time: 99:59:59
Drug/weight Mode	Body weight: 0.1-300 kg, Drug Amount 0.01ug-999g Solution Volume 0.1-999.9 ml Dose: 0.01-99.99 (subject to the unit)
Flow Rate Range	5ml : 0.1ml/h-150ml/h; 10ml : 0.1ml/h-300ml/h; 20ml : 0.1ml/h-600ml/h; 30ml : 0.1ml/h-900ml/h; 50ml/60 ml : 0.1ml/h-1200ml/h
Flow Rate Step	0.1ml/h
Flow Rate Accuracy	within $\pm 2\%$
Volume Limit	0.1-9999.9 ml
BOLUS Rate	5ml : 10ml/h-150ml/h; 10ml : 10ml/h-300ml/h; 20ml : 10ml/h-600ml/h; 30ml : 10ml/h-900ml/h; 50ml/60ml : 10ml/h-1200ml/h
BOLUS Accuracy	$\leq \pm 2\%$ (after calibration)
Purge Rate	5ml : 150ml/h; 10ml : 300ml/h; 20ml : 600ml/h; 30ml : 900ml/h; 50ml/60ml : 1200ml/h
KVO	0.1-5ml/h (after injection)
Occlusion Level	3 -level sensitivities setting
Audio & Visual Alarm	Clamp Err, Putter Err, Finished KVO, Near Empty, EMPTY, Occlusion, Low Battery, Power OFF etc.
Power Supply	100V-240V AC, 50Hz/60Hz
Battery Type	Internal rechargeable Ni-MH DC12V 2000mAh
Battery Backup	8 hours at 5ml/hr after fully recharged
Classification	Class I, CF, IPX2
Dimensions	305mm(L) X 130mm(B) X 108mm(H) (handgrip and clamp excluded)
Weight	1.9Kg Approx.
Operational Conditions	Temperature: +5 °C - +40 °C Relative Humidity $\leq 80\%$ 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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