



Syringe pump KSP-A100

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Syringe pump KSP-A100 is a light weight, portable device designed for low-volume infusion. Equipped with LCD screen to display parameters like injection state, volume, mode, speed, syringe size, alarms, dosage, occlusion status, etc. for enhanced clinical efficiency. Inbuilt software based control system delivers higher levels of precision, safety and allows remote control mechanism to improve standardization, accuracy analysis of infusion data and reduce free-flow risks.

Features:

- 4.3" color segment LCD
- Multi injection modes – Volume/Time/Body
- Adjustable speed, time, volume and dosage
- Audio-visual alarms for critical events

Applications:

Used in general ward, ICU or post-operative care facilities in hospitals to gradually administer intravenous fluid drug dosage in controlled amounts at a predetermined rate and speed through syringe attached with a catheter for consistent and effective infusion therapy.

Specifications :

Alarm	Near Injection finished, Preset dose injection finished, Occlusion, Syringe off, Syringe dislocated, Low Battery, On AC Supply.
Battery	Built-in Rechargeable Li-ion battery (11.1V) Capacity ? 2000mAh ; 10 hours of charging Works at 5ml/h after 4 hours of charging
Dimensions	282 x 210 x 148 mm
Fuse	F1AL/250V (2 nos.)
Injection Compliance	Adaptable for 5 syringe sizes
Injection Rate Range	{"50 ml Syringe":"0.1 ml \u2013 999.9 ml/h (step: 0.1 ml/h) 1000 ml \u2013 1800 ml/h (step: 1 ml/h)","30 ml Syringe":"0.1 ml \u2013 900 ml/h (step: 0.1 ml/h)","20 ml Syringe":"0.1 ml \u2013 600 ml/h (step: 0.1 ml/h)","10 ml Syringe":"0.1 ml \u2013 300 ml/h (step: 0.1 ml/h)","5 ml Syringe":"0.1 ml \u2013 150 ml/h (step: 0.1 ml/h)"}
KVO Rate	0.1 – 5ml/h (steps : 0.1ml/h)
Mechanical Precision	? ± 2 %
Occlusion Alarm Threshold	{"High":"800 mmHg \u00b1 200 mmHg (106.7 kPa \u00b1 26.7 kPa)","Medium":"500 mmHg \u00b1 100 mmHg (66.7 kPa \u00b1 13.3 kPa)","Low":"300 mmHg \u00b1 100 mmHg (40.7 kPa \u00b1 13.3 kPa)"}
Occlusion System	3-level alarming system
Operation	{"Ambient Temperature":"5\u00b0C to 40\u00b0C","Relative Humidity":"20% \u2013 90%","Atmospheric Pressure":"86 kPa \u2013 106 kPa"}
Power Supply	100 V – 220 V, 50 Hz
Preset Volume Range	0.1 ml – 1999.9 ml
Purge Rate	{"50 ml Syringe":"1800 ml/h (Bolus rate: 1200 ml/h)","30 ml Syringe":"900 ml/h (Bolus rate: 600 ml/h)","20 ml Syringe":"600 ml/h (Bolus rate: 400 ml/h)","10 ml Syringe":"300 ml/h (Bolus rate: 200 ml/h)","5 ml Syringe":"150 ml/h (Bolus rate: 100 ml/h)"}
Safety	Class I Type BF
Storage	{"Ambient Temperature":"\u201330\u00b0C to 55\u00b0C","Relative Humidity":"\u2264 95%","Atmospheric Pressure":"50 kPa \u2013 106 kPa"}
Weight	2 Kgs

