



## Syringe pump KSP-B100

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## **Syringe pump KSP–B100**

Syringe pump KSP–B100 is a dual-channel light–weight, infusion device designed for low volume infusion. Equipped with separate LCD screen to display independent flow parameters. Inbuilt software system accurately delivers infusion rate and monitors infusion therapy. Memory log system stores last setting of infusion parameters for fast infusion.

### **Features:**

Multi injection modes – Volume/Time/Body  
Adjustable speed, time, volume and dosage  
Audio–visual alarms with repeat alarm function  
Large data storage

### **Applications:**

Used in general ward, ICU in hospital to gradually administer intra-venous fluid drug dosage at a predetermined rate through syringe for consistent and effective infusion therapy.

## Specifications :

<b>Accuracy</b>	? ± 3 %
<b>Alarm</b>	Occlusion, nearly finish, finish, standby (no operation), low battery, battery exhausted
<b>Bolus</b>	Syringe 50 ml: 1600 ml/h Syringe 30 ml: 900 ml/h Syringe 20 ml: 600 ml/h Syringe 10 ml: 400 ml/h Syringe 5 ml: 200 ml/h
<b>Channel</b>	Dual channel infusion
<b>Dimensions</b>	354 × 132 × 199 mm
<b>Display</b>	4.3" color segment LCD screen
<b>Environmental conditions : Operation</b>	Ambient Temperature: 5 °C to 40 °C Relative Humidity: 20 % to 90 % Atmospheric Pressure: 86 kPa to 106 kPa
<b>Environmental conditions : Storage</b>	Ambient Temperature: -30 °C to 55 °C Relative Humidity: ? 95% Atmospheric Pressure: 50 kPa – 106 kPa
<b>Infusion Rate</b>	0.1 ml/h ~ 1600 ml/h, increment 0.1ml/h
<b>Injection Compliance</b>	Adaptable for 10 syringe sizes
<b>KVO Rate</b>	0.1 ml/h – 5 ml/h (steps : 0.1 ml/h)
<b>Occlusion Alarm Threshold</b>	High: 110 kPa ± 20 kPa (825 mmHg ± 150 mmHg) Medium: 80 kPa ± 30 kPa (600 mmHg ± 225 mmHg) Low: 60 kPa ± 20 kPa (450 mmHg ± 150 mmHg)
<b>Occlusion System</b>	3 selectable occlusion levels
<b>Power Consumption</b>	? 25 VA
<b>Power Supply</b>	100 V ~ 240 V, 50 Hz / 60 Hz
<b>Safety</b>	Class I Type CF
<b>Syringe Size</b>	Channel 01 : 5 ml / 10 ml / 20ml / 30ml / 50ml Channel 02 : 6 ml / 12 ml / 25 ml / 35 ml / 60 ml
<b>Volume (VTBI)</b>	0.1 ml – 1999.9 ml
<b>Weight</b>	2.8 kg



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