

KDS101



Our dual-syringe infusion pump is ideal for microdialysis and similar applications which require virtually pulseless flow at very low flow rates

Features

- Hold 2 syringes, 10 ml to 10 ml each or, a single syringe up to 60 ml
- Simple menu prompt setup:
 - select syringe size from displayed table
 - set dispense volume
 - set dispense flow rate
- Easy to read bright, backlight display
- Dispense volume displayed and has automatic shutoff at completion
- Volume and flow rate units ($\mu\text{l}/\text{min}$ or ml/min) are selected automatically based on syringe size
- Last settings stored in permanent memory
- Button release of drive nut for easy syringe installation
- Choice of run / stop after a power interruption

Specifications	
Pump Type:	<ul style="list-style-type: none">• Infusion
Max. No. of Syringes	<ul style="list-style-type: none">• Two (up to 10 ml)
Syringe Size	<ul style="list-style-type: none">• 10ul - 10ml (two syr• 10ul - 60ml (one syr)
Dimensions	<ul style="list-style-type: none">• 9 x 6 x 5 in.• 23 x 15 x 14 cm
Weight	<ul style="list-style-type: none">• 4.5 lb (2 kg)
Linear Force	<ul style="list-style-type: none">• 40 lb (18 kg)
Advance Per Microstep	<ul style="list-style-type: none">• 0.088 micron (1/2 step)
Max Step Rate (1/2 Step)	<ul style="list-style-type: none">• 400
Min Step Rate	<ul style="list-style-type: none">• 1 step / 30 sec.
Accuracy	<ul style="list-style-type: none">• ± < 1%
Reproducibility	<ul style="list-style-type: none">• ± 0. 1%
Audible Alarm	<ul style="list-style-type: none">• (Optional) **

Flow Rates		
Syringe	Minimum	Maximum
10 ml	0.001 ml/min	0.382 ml/min
25 ml	0.001 ml /min	0.884 ml/min
50 ml	0.001 ml/min	1.762 ml/min
100 ml	0.001 ml /min	3.542 ml/min
250 ml	0.01 ml/min	8.78 ml/min
500 ml	0.01 ml /min	17.65 ml/min
1 ml	0.1 ml/min	35.2 ml/min
3 ml	0.1 ml /min	122.5 ml/min
5 ml	0.1 ml/min	176.2 ml/min
10 ml	0.001 ml/min	0.351 ml/min
20 ml	0.001 ml/min	0.602ml/min
30 ml	0.001 ml/min	0.773 ml/min
60 ml	0.001 ml/min	1.175 ml/min