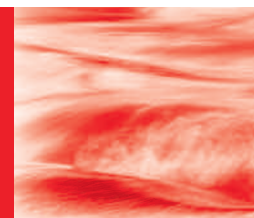


SLS Econoflow 20 Syringe Pump



Two-Syringe Infusion Pump. This feature-laden two-syringe infusion pump combines a broad speed range and holds a wide range of syringe sizes to meet the requirements of virtually any laboratory application..

Specifications

Pump Type	Infusion
Max. No. of Syringes	Two
Syringe Size	10 μ l to 140 ml
Dimensions	11 x 9 x 6 in. 28 x 23 x 15 cm
Weight	9 lb (4 kg)
Linear Force	40 lb (18 kg) min.
Advance Per Microstep	0.165 micron (1/16 step)
Max Step Rate (1/2 Step)	1600/sec
Min Step Rate (1/16 Step)	1/100sec.
Accuracy	$\pm < 1\%$
Reproducibility	$\pm 0.1\%$
Audible Alarm	(Optional) **

Features

- Holds one or two syringes, 10 μ l to 140 ml each
- Backlit LCD display
- Knob locks/unlocks drive block for effortless, drag-free manual adjustment
- Simple menu-driven setup:
 - select syringe size from displayed table
 - set dispense volume
 - set dispense flow rate
- Continuous dispense volume display
- Preset volume control and automatic shut-off
- Choice of unit selection
- Settings can be reviewed or changed during operation
- Stall detection
- Last settings stored in permanent memory
- Built-in RS232C interface for computer "daisy chaining" up to 100 pumps
- TTL interface for foot switch, timer, relay control, outputs for run indicator, valve control
- Optional multi-step keypad programmable feature