

PEGASUS® INFUSION PUMPS



Pegasus is the only high-volume pump small and light enough to be part of a tetherless nonhuman primate (>2kg) or rabbit study. It can be programmed directly on the pump. Two models are available; choose based on your flow rate requirements.



LAB LIGHT (0.1 - 100 ml/hr). The linear peristaltic mechanism delivers smaller pulses than conventional peristaltic pumps leading to more continuous flow during low-rate infusions. While the LIGHT's pulse size is not as small as the VARIO's, the maximum flow rate is significantly higher.

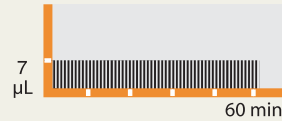
LAB VARIO (0.01 - 15 ml/hr). The unique micro-piston mechanism pumps in micropulses—0.4µl each—which provides nearly continuous delivery during low flow rate infusions. By comparison, typical tetherless pumps have pulses that are 50-100µl, leading to intermittent pulses at low flow rates and possibly undesired variations in drug concentration in the bloodstream.

Specifications

	Pegasus VARIO	Pegasus LIGHT
Flow rate	0.01 to 15.00 ml/hr	0.1 to 100.0 ml/hr
Accuracy	±2%	±5%
Pulse size	0.4 µl	7 µl
Pump mechanism	Dual micro-piston	Linear peristaltic
Profiles	Continuous, intermittent, bolus, and custom	
Time/day start and stop	Set start and stop time/day directly on pump, if desired	
Dimensions	3.3 x 2.4 x 1.2in (8.4 x 6.2 x 3.1cm)	
Weight	180g, including batteries	
Power	2 x 1.5V AA (disposable or rechargeable) or AC adapter	

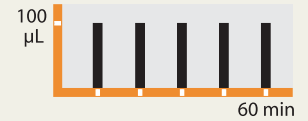
PULSE COMPARISON

Pegasus LIGHT
@ 0.5ml/hr



pulse = 7 µL
pulses/hr = 71
more continuous

Other Tetherless Pumps
@ 0.5ml/hr



pulse = 100µL
pulses/hr = 5
intermittent

Pegasus VARIO
@ 0.5ml/hr



pulse = 0.4 µL
pulses/hr = 1,250
nearly continuous

Part No.	Description	Unit
LAS-20040	Pegasus LIGHT peristaltic pump	ea
LAS-10250	LIGHT peristaltic tube, sterile	box of 10
LAS-20140	Pegasus VARIO micro-piston pump	ea
LAS-10210	VARIO micro-piston cassette, sterile	box of 10
LAS-10405	Medibox 1 reusable drug bag (50ml) container	box of 10
LAS-10410	Medibox 2 reusable drug bag (100ml) container	box of 10
LAS-10415	Medibox 3 reusable drug bag (150ml) container	box of 10
LAS-14050	50ml PU drug bag (sterile)	box of 10
LAS-14100	100ml PU drug bag (sterile)	box of 10
LAS-14150	150ml PU drug bag (sterile)	box of 10
LAS-14300	300ml PU drug bag (sterile)	box of 10

Ⓢ <http://www.instechlabs.com/Pumps/pegasus>

Sold for laboratory animal use only.

Instech Solomon is the exclusive provider of Pegasus pump sales and service for laboratory research in North America.