

Syringe Pump | Luna

Nidek Medical Syringe pumps are acknowledged as one of the highest valued solution for delivering precise and smooth flow. Nidek Medical is recognized worldwide for quality and reliability at an economical price and has the broadest line of syringe pumps to meet Customer's specific application

General Features:

- Front loading type pump
- Automatic detection of syringe size capacity
- Flow rate can be changed during infusion
- Huge library of Drug names
- Different operation modes like flow rate based, time based and bodyweight based
- Bolus facility for fast delivery of drug
- Different Occlusion pressure settings
- Automatic rate calculation with Volume and Time limit
- Internal memory for important storage function
- Audio/Visual Alarms for KVO mode function



Specification

Model	Luna Syring Pump
Syringe Size	5, 10, 20, 30, 50, 60 ml
Applicable Syringe	Compatible with syringe of any standard
VTBI	1-1000 ml (in 0.1, 1, 10 ml increments)
Flow Rate	5 ml: 0.1-100 ml/h (in 0.01, 0.1, 1, 10 ml/h increments) 10 ml 0.1-300ml/h 20 ml 0.1-600ml/h 30 ml: 0.1-800 ml/h 50/60 ml: 0.1-1200 ml/h
Bolus Rate	5 ml: 0.1-100 ml/h (in 0.01, 0.1, 1, 10ml/h increments) 10 ml: 0.1-300ml/h 20 ml: 0.1-600ml/h 30 ml: 0.1-800 ml/h 50/60 ml: 0.1-1200 ml/h
Anti-Bolus	Automatic
Accuracy	±2% (mechanical accuracy<1%)
Infusion Mode	Flow rate: ml/min, ml/h Time-based Bodyweight
KVO Rate	0.1-1 ml/h (in 0.01 ml/h increments)
Alarms	Occlusion, near empty, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, reminder alarm, pressure sensor error, syringe installation error, syringe drop off
Additional Features	Real-time infused volume, automatic power switching, automatic syringe identification, mute button, purge, bolus, anti-bolus, system memory, history log
Drug Library	Available
Occlusion Sensitivity	High, medium, low
Power Supply, AC	110/230 V(optional), 50/60 Hz, 20 VA
Battery	14.8 V, rechargeable
Battery Life	6 hours at 5 ml/h
Working Temperature	5-40° C
Relative Humidity	20-90%
Atmospheric Pressure	700-1060 hpa
Size	245*120*115 mm
Weight	2.5kg
Safety Classification	Class II, type BF



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