

INFUSION MADE EASY

Neo Syringe Pump

Nidek Medical's newest member is the Neo Syringe Pump. The Neo represents our effort to reach our vision of making life-care more simple with the help of state-of-the-art international standard technology and processes. The Neo is a transportable Infusion Syringe Pump and is suitable for dispensing liquids in infusion therapy.

General Features

- Front loading type pump
- Automatic detection of syringe size capacity
- Simple Start Infusion can be started on one key only
- Flow rate can be changed during infusion
- Huge library of Drug names
- Bolus facility for fast delivery of drug
- Occlusion pressure settings
- Automatic rate calculation with Volume and Time limit
- Internal memory for important storage function
- Audio/Visual Alarms
- Machine can be operated on Mains or Battery
- KVO mode function
- Anti-Bolus System for Patient Safety



Specifications

Syringe	10, 20, 30, 50/60 ml
Acceptable Syringe	All available standard Indian and imported syringe
Flow Rate Range	0.1-999.9 ml/hr (Depending on Syringe size)
Infusion Volume Range	0.1-999.9 ml
Bolus Rate	300-999 ml/hr (Depending on Syringe size)
Bolus Volume	Programmable by user min to max rate ml/hr capacity of syringe
Bolus interval	A minimum interval of time can be preset between two Bolus doses to avoid accidental over infusion, 1 min to 24 Hours
Occlusion	Low, Medium, High levels depending upon sizes of the syringes
Drug Library	48 nos.
Alarms	Occlusion, End of Syringe, Low Battery, Syringe Displaced, No Syringe, Wrong Syringe, Pre alarm for end of infusion, Invalid Rate, Target Volume, Target time
PCA (Optional)	Max. Volume and interval can be predefined by the user
Accuracy	Volume: $\pm 2\%$, Time: $\pm 2\%$
Volume Limits	From 0.1 ml to capacity of the Syringe
Elapsed Time	Visual Display of elapsed time from 0.00 to 99.59 (Hrs: min)
KVO (KEEP VEIN OPEN)	To prevent needle clogging with programmable KVO rate
KVO Rate	0.1 ml/hr to 10 ml/hr
Power	220 V AC, $\pm 10\%$, 50/60 Hz, 12VA
Display	2.5 inch LCD (2 line X 16 Character) for user friendly menus and alarm with green backlight & 1.8 inch LCD for bright seven segment display which shows flow rate during infusion
Battery Type	Ni-Mh, 9.6 V, 1300 mAh
Battery Back up	5-6 Hours (TYP) @ 5 ml/hr
Battery Recharging	20 Hrs. for full Charging
Storage	Infusion Rate, name of the medicine being infused, mode of operation
Weight	2.3 Kg
Dimension	240 X 145 X 140 mm
Standards	IEC 60601-1, 60601-1-2 & 60601-2-24
Operating Temperature and Humidity	+5 C to +40 C 20% to 90% (non-condensing)
Mounting	Universal Pole Clamp or Table Top Operation



Nidek Medical India Private Limited

Head Office: 238B A.J.C. Bose Road, Kolkata 700020,
Tel: (033) 4017 7000 (30 Lines), Fax: 91 (033) 2289 4217

Delhi: 238 Ansal Chambers II, 6, Bhikaji Cama Palace
New Delhi 110066, Tel: (011) 2616 5742, 93501 83222, 93135 77444

Chennai: W-66, 2nd Street, Anna Nagar, Chennai 600040
Tel: 044 42663662, Mob: 93808 06777, 93459 70044

Mumbai: 211 B, Damji-Shamji Industrial Estate, 9 LBS Marg, Kurla (W), Mumbai 400070
Tel: (022) 4215 5441 / 93204 22266

Hyderabad: H.NO-3-41-66, Sri Laxmi Nilayam, South Block, West Marredpally
Secunderabad 500026, Tel: 93468 32266

Lucknow: 4/11A, Ground Floor, Vibhav Khand, Gomti Nagar, Lucknow 226010
Tel: 93361 20941

Chandigarh: 2nd Floor, SCO# 355, Sector 32-D, Chandigarh 160031
Tel: 093578 44555

E-mail: sales@nidekindia.com, Website: www.nidekindia.com

