

# INFUSION PUMP



## IP180

### Features:

Built-in thermostat: 30-45°C adjustable.

The thermostat warms IV tubing to increase infusion accuracy. This is a unique feature compare to worldwide Infusion Pumps.

Applicable for adult, Paediatrics and NICU (Neonatal).

Anti-free-flow function to make infusion safer.

Real-time display of infused volume / bolus rate / bolus volume / KVO rate.

Visible on-screen 9 alarms.

Change flow rate without stopping the pump.

[www.resproindia.com](http://www.resproindia.com)

# Specifications

RESPRO

Model	Sp40
Pumping Mechanism	Curvilinear peristaltic
IV Set	Compatible with IV sets of any standard
Flow Rate	0.1-1500 ml/h (in 0.1 ml/h increments)
Purge, Bolus	100-1500 ml/h (in 1 ml/h increments) Purge when pump stops, bolus when pump starts
Bolus volume	1-20 ml (in 1 ml increments)
Accuracy	±3%
VTBI	1-9999 ml
Infusion Mode	ml/h, drop/min, time-based
KVO Rate	0.1-5 ml/h (in 0.1 ml/h increments)
Alarms	Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, reminder alarm
Additional Features	Real-time infused volume / bolus rate / bolus volume / KVO rate, automatic power switching, mute key, purge, bolus, system memory, key locker, change flow rate without stopping the pump
Occlusion Sensitivity	High, medium, low
Air-in-line Detection	Ultrasonic detector
Wireless management	Optional
Power Supply, AC	110/230 V (optional), 50-60 Hz, 20 VA
Battery	9.6±1.6 V, rechargeable
Battery Life	5 hours at 30 ml/h
Working Temperature	10-40°C
Relative Humidity	30-75%
Atmospheric Pressure	700-1060 hpa
Size	174*126*215 mm
Weight	2.5 kg
Safety Classification	Class I, type CF