


SPECIFICATIONS	
Sales Name	DRIP EYE
Model	NE-1
Infusion method	Free drop method
Control system	Tube clamp control
Flow rate setting range	30~500ml/h(every 1ml from 30 to 100ml/h and every 10ml from 100 to 500ml/h)
Liquid volume setting range	50~4000ml(every 50ml)
The Number of Drops Accuracy	±1drop/min
Completion Function of infusion	LED flashes, [End] appears on the LCD, and the alarm rings in the completion of dripping
Alarm function	Block in the tube, Abnormality in actuation, Voltage drop
Power supply	Rechargeable Ni-Hydrogen battery 3.6V(Consecutive operation time for approx. 24h)Dedicated AC adaptor(5W/250mA)
Power Dissipation	3VA
Type of Electric shock protection	Class II Type BF applied part 
Set-up function	Volume, flow rate, residual volume and infusion set
Indicating information	Residual time and Set-up values
Size	80(W)×108(H)×35(L)mm
Weight	approx. 160g
Operating conditions	Ambient Temperature 10~40°C, Relative Humidity 30~85% (No condensation allowed)
Transportation-Maintenance conditions	Ambient Temperature -20~45°C(except for Ni-Hydrogen battery), Relative Humidity 10~95%(No condensation allowed)

Accessories	Approved adaptor for NE-1 system. Dedicated AC Adaptor CE Certificate NO.03HKS2077-01(ITS Oct. 18. 2003)
	Attachment bar
	Cord holder Size L & S
	Clip
	Operation Manual

Design and specifications are subject to change without prior notice.

Electro magnetic compatibility(EMC)of the device is in conformity with EN-60601-1-2 2001



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Parama-Tech

DRIP EYE

Automatic Infusion Control Equipment

A Revolution in Infusion system

Compact!
Safe!
Accurate!
Simple!



Features:
Light weight Compact
Silent Operations
Safe
Convenient & Multi-functional

Drip Eye

Every idea comes from medical forefront. This compact unit, DripEye, satisfies all the needs of Doctors, Nurses as well as Patients who undergo medical infusion. An idea not only by manufacturer, but also being inspired by users' experienced perspective, which enabled a series of "the first time in the industry" items being introduced for epoch-making Infusion Control. By such a compact body, DRIP EYE gives "simplicity", "accuracy" and "security" in Infusion Control System.

Features of Automatic Infusion Equipment, NE-1

By Gravity Drop Method, gentle Infusion is possible

Automatic Infusion System: By counting the numerical values of infusion drops being set at 20 drops/ml, it controls flow rate by Micro Computer and hi-precision Clamp. (It is not a compressing type Infusion Pump to add compulsory pressure to infuse.)

No specific type of Infusion required

Almost all Infusion solution (of 20 drops/ml) being supplied with ISO 8536-4:2004 can be used. (*1) (Be careful, though, a certain type of Infusion could possibly be inappropriate)

Space saving - Compact/light weight

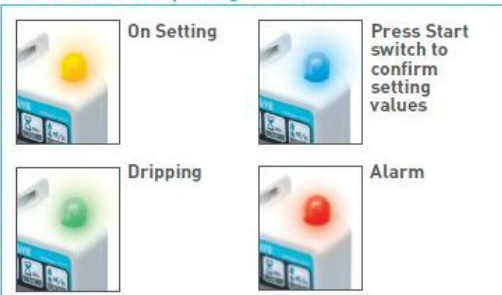
Palm size and 160g only to fit in a pocket Dimensions: 80(w) x 108(h) x 35(d) mm

Immediate alarm during Infusion by any malfunction

Alarm by sound and light shall be emitted for any malfunction during Infusion.

(*1) Be careful when use this device to infuse with higher viscosity, or filtered Infusion set, as it may reduce the flow rate and cause an inaccurate infusion. Prior study of compatibility, or even a test of the same, shall be required.

LED 4 Color-Lamp Image Pictures



DRIP EYE has been used in various medical up-front

In Chemotherapeutic Rooms

Administration of Anticancer Drug must be done under specific speed. By utilizing DRIP EYE, it prevents a risk of leaking out of vein, thus reducing required periodical patrol by nurse for labor saving as well as to give relief to patients.

For Infusion at Home Medical Care

Even family members know precise flow rate and required replacement frequency. (note: Please follow instruction given by doctor or nurse, though)

For those postoperative patients to be supervised

Infuse medical solution when accurate flow rate are required.

For Infusion at General Ward or Clinic

Those patients who are much nervous for how long time the Infusion may require can be released from psychological distraction to know precise time when it will end up.

Questions and Answers on DRIP EYE, Instructions how to use

Q1. What is a difference of application from Infusion Pump ?

Use Infusion Pump (Syringe Pump) when accurate slight amount infusion or a large amount infusion is required. DRIP EYE could be recommended in the following cases. In case of using Infusion Set and frequency of checking by nurse will be much bothering. In case of taking long time in adjusting flow rate or time of Infusion

Q2. Is it possible to use during charging time ?

It is possible. Even if the battery may run down completely, it will be recharged in 8 hours. Full battery-working hours will be 24 hours continuously.

Q3. When using such medical solution of higher viscosity, afraid it may not drip within the specified time length ?

DRIP EYE is a system of infusion controller by natural drip. Absolutely, it is a system to monitor a number of drips suitable for the infusion, by choosing appropriate infusion line. For practical reason, thus, we recommend you to use Infusion Pump by following reason: In case of higher viscosity, the amount of one drip will be decreased by an effect of Surface Tension to leave a certain amount of infusion after the setting time will be consumed.

Q4. Is it possible to use for Blood Infusion ?

Not possible, as the Infra-red Radiation Sensor may not work satisfactory due to adherent blood to infusion tube during use.

Q5. Is it possible to inject into the Arterial port ?

Not possible, DRIP EYE is a gravity dripping system. It is, however, only possible to use to Intravenous port.

