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04 IP-7700 / SP-8800
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CE 1639

VOLUMETRIC INFUSION PUMP & SYRINGE PUMP

Faster,
Easier and Clear



IP-7700
Infusion pump

SP-8800 Syringe pump



AMP all
Advanced Micro Pumping Technology
www.ampall.com

VOLUMETRIC INFUSION PUMP

IP-7700



Numerical keypad

Easy and fast way to setup

Various displays

FND displays numerical data clearly and Color LCD displays detail information.

User friendly

Simple setup process makes user feel comfortable and high readability of display makes user get complete information at one glance.

FUNCTION

- **SELF TESTING:** Every time the unit turns on, self testing is proceeded.
- **K.V.O.(Keep Vein Open) :** When the delivery volume has been reached, flow rate turns into K.V.O. rate (adjustable from 1ml/h to 10ml/h) automatically.
- **Keypad lock function:** Keypad is locked with or without password depend on its using condition.
- **Infusion setup:** Flow rate / Delivery volume / Infusing time
- **Retain memory :** Last setting value is retained.
- **Remaining time display / Alarm repeat function**
- **Open system:** Up to 10 IV set brands can be calibrated in a single unit.
- **Buzzer level 3steps**
- **Occlusion level 9steps** (4.5–14.5psi)
- **Purge rate:** Adjustable (0.1–1000ml/h)
- **Bolus rate:** ON/OFF, Adjustable (0.1–1000ml/h, 1–9999ml)
- **History call back:** Display up to last 10 infusion data

OPTION

- **Dosage mode(Body weight mode):** Automatically calculate and set the proper flow rate when the dose rate, body weight, drug mass and solution volume are entered.
- **Drop sensor:** External
- **Nurse call:** Each unit can be connected with nurse call system (DC 24V, 0.5A)
- **Profile function:** Program infusion condition(flow rate, delivery volume, delivery time) differently every hour, up to 24hours.
- **Flow rate**: 0.1-1800ml/h (with the approved IV set)
- **History call back**: 2000 events
- **Drug library**: 20 categories and 100 drugs per category (Total 2000 drugs)
- **Adjusting infusion parameters during infusion**

SYRINGE PUMP

SP-8800



Numerical keypad

Easy and fast way to setup

Self Testing

Each time the pump is powered on, the self-diagnosis begins first.

Various displays

Color LCD displays complete infusion information

Auto syringe detection

It automatically detects the size of the syringe.

FUNCTION

- **Shortcut key:** Syringe brand set, Occlusion set, Buzzer level set
- **K.V.O.(Keep Vein Open):** When the delivery volume has been reached, flow rate turns into K.V.O. rate (adjustable from 1ml/h to 10ml/h) automatically.
- **Keypad lock function:** Keypad is locked with or without password depend on its using condition
- **Infusion setup:** Flow rate / Delivery volume / Infusing time
- **Retain memory :** Last setting value is retained.
- **Remaining time display / Alarm repeat function**
- **Open system -** Up to 10 syringe brands can be calibrated in a single unit.
- **Buzzer level 3steps**
- **Occlusion level 9steps** (3.8psi-19.3psi)
- **Purge rate:** Adjustable (0.1–1200ml/h)
- **Bolus rate:** ON/OFF, Adjustable (0.1–1200ml/h, 0.1-1000ml)
- **Anti bolus:** Reduce bolus significantly after occlusion release. (ON/OFF)
- **History call back:** Display up to last 10 infusion data.

OPTION

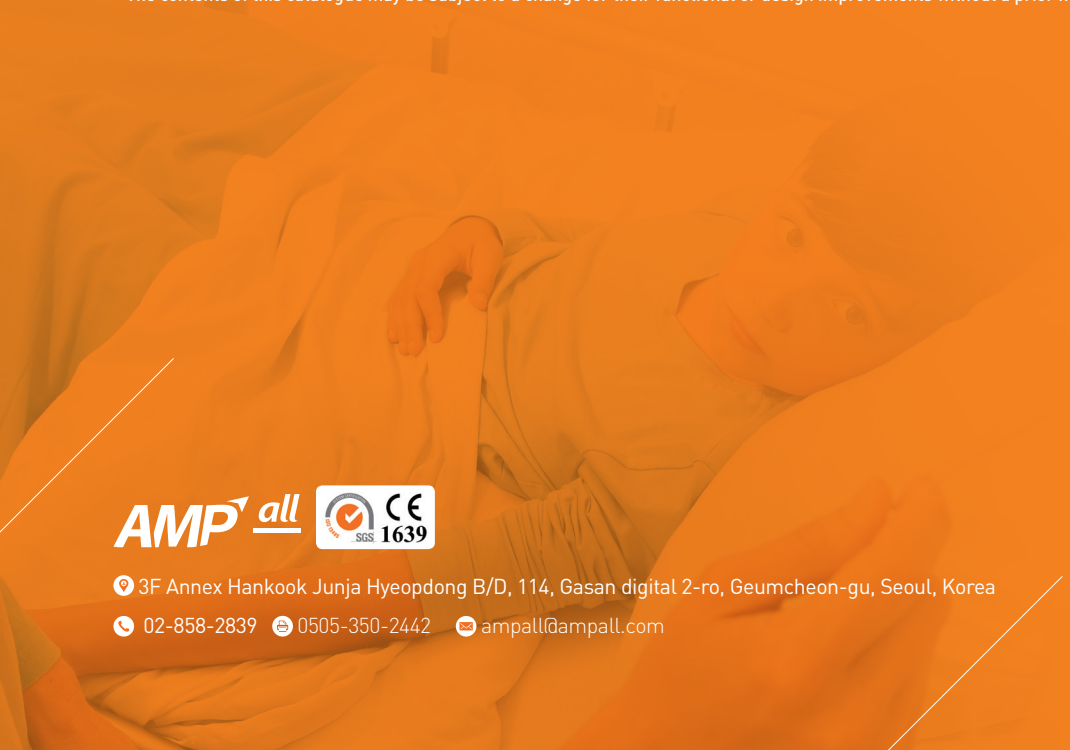
- **Dosage mode(Body weight mode):** Automatically calculate and set the proper flow rate when the dose rate, body weight, drug mass and solution volume are entered.
- **Nurse call:** Each unit can be connected with nurse call system (DC 24V, 0.5A)
- **Profile function:** Program infusion condition(flow rate, delivery volume, delivery time) differently every hour, up to 24hours
- **Flow rate: 0.1- 2000ml/h (with the approved Syringe)**
- **History call back:** 2000 events
- **Drug library**: 20 categories and 100 drugs per category (Total 2000 drugs)
- **Adjusting infusion parameters during infusion**

"Everything you need"

SPECIFICATION

	Infusion pump(IP-7700)	Syringe pump (SP-8800)
Flow rate range	0.1~1800ml/h (Linear Peristaltic Finger)	Syringe 10ml : 0.1-600ml/h Syringe 20ml : 0.1~1000ml/h Syringe 30ml : 0.1~1300ml/h Syringe 50ml : 0.1-2000ml/h
Delivery Volume	1~9999ml	0.1~1000ml
Total infused volume (Volume to be infused)	1~9999ml	0.1~1000ml
Accuracy	Within ±2% on mechanism Within ±5% on approved IV set	Within ±1% on mechanism Within ±2% on approved syringe
Alarms (Audio & Visual)	Air in line, Occlusion, Flow error (Free Flow), Standby K.V.O.(Infusion Completion), Door open, Low battery, Device malfunction	Occlusion, K.V.O.(Infusion Completion), Standby, Near empty, Low battery, Device malfunction, Clamp/Handle lever/Slider disengaged, Syringe disengaged
Special function	Keypad lock, Retain memory, Remaining time, Alarm repeat, Open system, K.V.O., Purge, Bolus, Occ. level, History call-back, Dosage mode(Option), Nurse call(Option), Profile(Option), Drug library	Keypad lock, Shortcut key, Retain memory, Remaining time, Alarm repeat, Open system, K.V.O.,Purge, Bolus, Anti bolus, Occ. level, History call-back, Dosage mode(Option), Nurse call(Option), Profile(Option), Drug library
Weight	Approximately 3.5KG (without rechargeable battery 3KG)	Approximately 2.5KG (without rechargeable battery 2KG)
Dimension	100 X 190 X 250 (mm)	220 X 130 X 108 (mm)
Power consumption	40VA	18VA
Power requirements	AC110/230V, 50/60Hz or DC9.6V, DC12V/24V, 2A	AC110/230V, 50/60Hz or DC9.6V, DC12V/24V, 2A
Battery type	Ni-MH rechargeable battery	Ni-MH rechargeable battery
Battery operating time	4hours (at 125ml/h)	4hours
Battery recharging time	6hours	6hours
Operating condition	10~40°C 30-85% RH (no condensation)	5~40°C, 30~90% RH (no condensation)
Storage condition	-10-45°C, 10-95% RH (no condensation)	-20~45°C, 10~95% RH (no condensation)

* The contents of this catalogue may be subject to a change for their functional or design improvements without a prior notice.



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