

VOLUMETRIC INFUSION PUMP

35200 INFUSION PUMP IP-7700

This pump using peristaltic method is a cutting-edge pump realizing high flow precision with compatibility with I.V. set of various brands through ultrasonic bubble detection. IP-7700 provides simple and easy setup process with its numerical silicon keypad. FND and color LCD provides complete information and user gets the information at one glance. Most infusion condition such as K.V.O. rate, purge rate and bolus can be setup as operating application. Supplied with battery.

Main features

- **Light and compact design:** light as 3.5 kg, compact design, and easy to use.
- **Standard compatibility with 4 brands of IV SET:** TERUMO (TS PA 200L), BD (A122), KOREAN VACCINE (1 and 2), ARIES. Each pump can be calibrated for up to 9 different IV set.
- **Flexible flow setting and easy operation method:** Flow-setting range of 1~1000 ml/h, 0.1~999.9 ml/h is available for wide range settings and numerical keypad is easy to use for setting flow-volume.
- **Full program dosage feature (option):** it can calculate the right flow rate for a patient and inject promptly.
- **Easy recognition of alarm:** it notifies errors and emergencies with LED light and buzzer, simultaneous visual and audio alarm system.
- **Notifying remaining battery:** battery LED is attached to notify charged battery showing remaining battery and when to recharge.
- **Keep Vein Open feature:** when reached preset value, it converts to low flow speed of 3ml/h (when IV set is 15, 19, 20 drops/ml) or 1ml/h (when IV set is 60 drops/ml) automatically to prevent flow route clog due to blood coagulation.
- **Ultrasonic air bubble detector**
- **Suitable also for VET use**
- **35202 DROP SENSOR** - for more accurate dropping control (suggested for ICU and new born)
- **35211 DOSAGE AND PROFILE PROGRAM** need Serial Number
- **35203 Ni-Cd BATTERY** - spare
- **26073 I.V. SET ARIES** - box of 150 (6 bags of 25)
- **35204 ADAPTER 110 V - 60 Hz** - for 35200

CALIBRATION TO ANY IV SET BRAND
Please send 5 samples of your pump use IV set.
Delivery in 40 days

Colour LCD

IV clamp included

English and Italian manual

Automatic setup system (flow rate, time, delivery volume)

CE 0120

Numerical silicone key pads



Flow volume setting range
1~1000 ml/h (1 ml infusion interval)
0.1~999.9 ml/h (0.1 ml infusion interval)
Flow volume error margin ±5%
Infusion limit volume range
1~9999 ml
Total estimated volume range
1~9999 ml
K.V.O rate (Keep Vein Open)
1 ml/h ~ 10 ml/h adjustable
Pump method Peristaltic method
Size (WxDxH) 100x190x250 mm
Weight 3.5 kg (battery included)

TECHNICAL SPECIFICATIONS
Rapid flow volume (Purge)
1-1000 ml/h adjustable
Bolus 1~1000 ml/h adjustable
Alarm features
Air in line, occlusion, flow error (free flow), door open, K.V.O. (Infusion completion), standby, low battery, alarm, device malfunction (CPU error), empty container (with optional drop sensor)
Special features
Keypad lock, retain memory, remaining time, alarm repeat, open system, K.V.O., purge, bolus, occ. level, history call-back.

Power
AC 230V, 50/60Hz and DC9.6V inner source adapter DC 12 / 24V - 2A Switchable at 110V / 60Hz - with adapter 35204
Maximum power consumption 40VA
Electric protection levels
Class II B, inner source device, CF type
Waterproof level IPX2
Battery type Ni-Mh rechargeable
Battery using time
4 hrs (when infusing 125 ml/h)
Battery recharging time Minimum 6 hours.
Battery life approx 6 months

AUTO SYRINGE PUMP

35205 SYRINGE PUMP SP-8800

SP-8800 provides easy syringe installing through one-touch method by slider hook, simple and easy setup process with its numerical silicon keypad. Color LCD displays infusion information dramatically shortcut key manages easy approach for frequent functions. K.V.O. rate, purge rate, bolus and anti bolus can be setup as operating application. Supplied with battery.

Flexible flow volume setting.

Full program dosage feature (optional): it automatically calculates flow rate by patient's weight, injection's mass and melting.

Keep Vein Open (K. V. O.) feature: When reached to the preset value, it converts to low flow speed of 0.1 ml/h automatically to prevent flow route clog due to blood coagulation.

Standard compatibility with 5 major brands of syringes*: Setting feature enables you to choose from following syringe brands: BD (Precise), TERUMO, RAYS, PENTAFERTE, KOVA. Each pump can be calibrated for up to 9 different syringes. Alarm and notification feature: It notifies errors and emergencies with LED light and buzzer. Simultaneous visual and audio alarm. Occlusion error range setting: You can set the pressure level of occlusion stage to High, Medium and Low by patient's age condition. Suitable also for VET use.

- **35210 Ni-MH BATTERY**- spare
- **35204 ADAPTER 110 V - 60 Hz** - for 35205
- **35211 DOSAGE AND PROFILE PROGRAM** need Serial Number
- **23857 BD SYRINGES 50 ml LL** - box of 60 - BD 300865

CALIBRATION TO ANY SYRINGE BRAND
Please send 5 samples of your syringe.
Delivery in 60 days

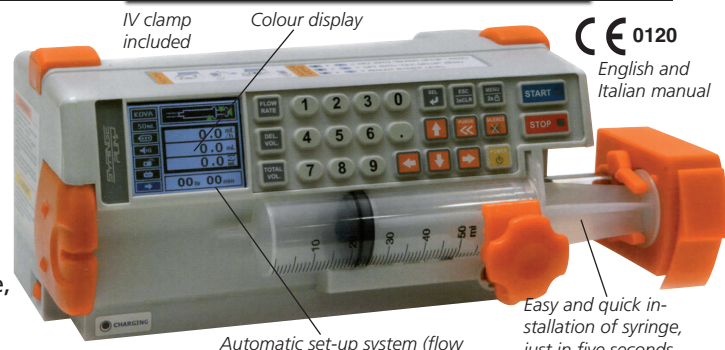
IV clamp included

Colour display

CE 0120
English and Italian manual

Automatic set-up system (flow rate, time, delivery volume)

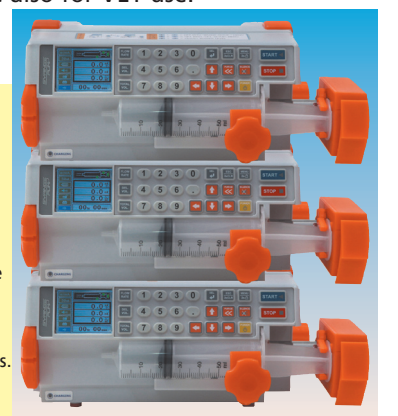
Easy and quick installation of syringe, just in five seconds



Flow volume setting range
Syringe 10ml: 0.1-300 ml/h
Syringe 20ml: 0.1-400 ml/h
Syringe 30ml: 0.1-500 ml/h
Syringe 50ml: 0.1-1,200 ml/h
Flow volume error margin ±3%
Infusion limit volume range
0.1~999.9ml (0.1 ml infusion interval)
Total estimated volume range
0.1~999.9ml (0.1ml infusion interval)
K.V.O rate (Vein maintaing function)
1-10 ml/h adjustable
Size (WxDxH) 220x130x108 mm
Weight 2 kg (battery included)

TECHNICAL SPECIFICATIONS
Rapid flow volume (Purge)
0.1~1200 ml/h adjustable
Bolus: adjustable 0.1~1200 ml/h
0.1~1000 ml
Alarm features
Occlusion, K.V.O. (infusion completion), standby, near empty, low battery, device malfunction (CPU error), clamp/handle lever/slider disengaged, syringe disengaged.
Special features
Keypad lock, shortcut key, retain memory, remaining time, alarm repeat, open system, K.V.O., purge, bolus, anti bolus, occ. level, history call-back.

Power
AC 230V, 50/60Hz and DC9.6V inner source adapter DC 12 / 24V - 2A Switchable at 110V / 60Hz - with adapter 35204
Maximum power consumption 45VA
Electric protection levels
Class II B, inner source device, CF type
Waterproof level IPX2
Battery type Ni-MH rechargeable
Battery using time 2 hours
Battery recharging time Minimum 6 hrs.
Battery life about 6 months.



* We can calibrate our pumps for other syringe brands, please provide minimum 5 samples. Availability in 60 days.