



ESPH-550

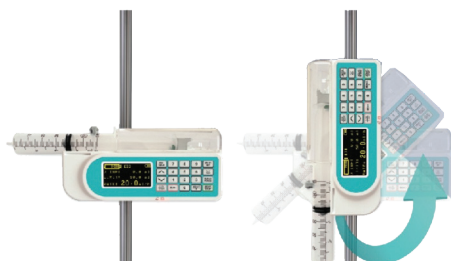
Syringe pump



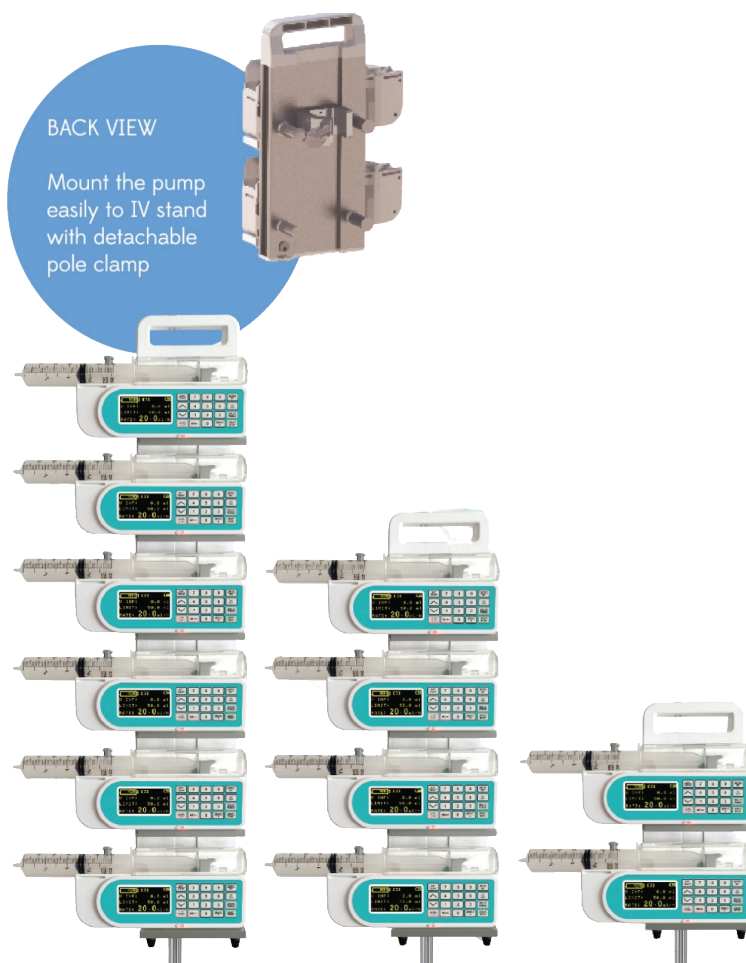
INFUSION LINE



- Tailored docking station with centralized charging, available in 2, 4 and 6 modules.
- Recognize: 10ml, 20/30 ml, and 50/60 ml syringes from major brands automatically (open system).
- Wide range of flow rate from 0.1 to 1000 ml/h.
- Flexible infusion modes: ml/h, time/volume and weight mode.
- Enhance safety with drug library, reduce the risk of overdose, memory can store up to 120 drug dosing protocols.
- Full alarm protection.
- Lithium battery powers the pump up to 24 hours.



Rotate 90 degrees for different drug treatments



Technical parameter

Infusion Rate Range	10 ml syringe -----> 0.1-300 ml/h 20/30 ml syringe -----> 0.1-500 ml/h 50/60 ml syringe -----> 0.1-1000 ml/h
Flow Rate increments	0.1-100 ml/h at 0.1 ml/h increments 100-1000 ml/h at 1 ml/h increments
Infusion Modes	ml/h, drug library, volume/time, patient weight
Volume Limit Range	1-9999 ml, increments: 0.1-100ml/0.1ml; 101-9999ml/1ml
Bolus Volume	Programmable from 1 to 50 ml
Bolus Rate	Programmable from 0.1 to 1000 ml/h based on syringe size
Accuracy	± 5% (± 2% after syringe calibration)
KVO (keep vein open)	Automatically switches to KVO rate (from 0.5 to 1 ml/h) at the end of infusion process
Occlusion Pressure	0.3 to 0.7 Mpa (with 50ml syringe) , adjustable from High, Medium, Low
Alarm Volume	Selectable from High, Medium & Low
Alarms	Syringe not Loaded, Start Reminder, Near Empty, Complete, Occlusion, Low Battery, Syringe Disengaged, Mechanical Error, Infusion Error, Battery Depleted
Event Log Capacity	Maximum 800 records of operational activities or alarms with date and time of the event
Power Supply	AC 100-240V 50/60 Hz, 0.6A; IOVDC, 1.6A Internal rechargeable Lithium battery 7.4 V, 2600mAh
Battery	Built-in rechargeable Lithium battery Pump will operate up to 24 hours at 5 ml/h with fully charged battery
Classification	Class IIb, Type CF, IPX2
Dimensions	210(L) x 100(W) x 45(H) mm
Weight	500g (battery included)



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