

Changsha Deepmed Medical Technology Co; Ltd.



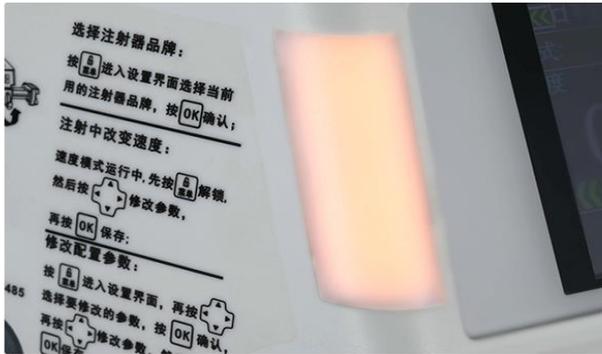
- Multiple units can be combined and stacked

The compact design concept is easy for users to flexibly stack and save available space.



- Simple and easy to use

- Open system: Accepts all standard syringes of 5ml, 10ml, 20ml/30ml, 50ml/60ml.
- Identify the specifications of syringe automatically.
- Large COLOR TFT display with adjustable brightness.
- Vertical & Horizontal mounting.
- Anti-bolus system to reduce significantly after occlusion sudden release.
- DPS Occlusion Pressure display.



- Accurate safety

- Audible and visual alarm
- Freely Stackable: Users can freely stack one syringe pump onto another to provide multiple Solutions
- Automatically record of infusion.
- Visual and audible alarm system and accurate injection rate make the injection process safer and reliable.

- Wide range of adaptation

- Five work modes: Rate Mode, Time Mode, Dose Mode, Sequential Mode and Drug Library Mode.
- KVO and Bolus functions.
- Manual and Automatic Bolus function.
- Drug library with 1030 injection records (Optional).
- 2000 events stored can be checked and downloaded.



- Energy conservation and environmental protection

- Change the flow rate without stop during infusion.
- 12 Hours Internal Battery continuous operation.
- Accurate and sensitive pressure sensor detects occlusion pressure accurately.
- Excellent injection operation. The accuracy will be ensured even at small-volume injection.

Syringe Pump with Drug Library SP3



- Compatible avec la seringue universelle de 5/10/20/30/50 ml et 60 ml
- Haute précision de $\pm 2\%$ après un étalonnage correct
- Cinq modes de fonctionnement: mode taux, mode heure, mode dose, mode séquentiel et mode bibliothèque de médicaments
- Avec bibliothèque de médicaments: 16 catégories de médicaments courants contiennent au total 1 030 noms de médicaments
- Avec plus de 2000 événements historiques peuvent être enregistrés dans la pompe
- Système anti-bolus pour réduire considérablement le bolus après une libération soudaine d'occlusion
- Pince de poteau rotative à 360 degrés pour avoir une pompe à seringue fixe à la fois dans les directions horizontales et verticales

Spécifications Technique de SP3 :

PARAMETER	SPECIFICATION
	5ml, 10ml, 20ml, 30ml, 50ml, 60ml of any standard(2 & 3ml as optional)
Accuracy	±2% with correct calibration
Rate Mode	50(60)ml syringe: 0.1-2000.0ml/h (0.1ml/h step) 30ml syringe: 0.1-1200.0ml/h (0.1ml/h step) 20ml syringe: 0.1-1200.0ml/h (0.1ml/h step) 10ml syringe: 0.1-400.0ml/h (0.1ml/h step) 5ml (2/3ml) syringe: 0.1-200.0ml/h (0.1ml/h step) (OEM Programmable 0.01-9999.90ml/h)
Time Mode	SOL.VOL:0.1-999.9ml (0.1 ml step) Time:1-1999min (1 min step)
Dose Mode	Volume: 0.1-999.9ml(0.1ml step) Drug Mass: 0.1-999.9mg (0.1mg step) Dose: 0.001-9999ug/kg/min(0.001ug/kg/min step) Weight: 0.1-300KG(0.1kg the least step)
Total Volume Range	0.1-9999.9ml (0.1 ml step)
Purge Rate	Programmable and adjustable
KVO Rate	0.0~5.0 ml/h or the last delivery rate when it is smaller
DPS Occlusion pressure	LOW: 60(±15)kPa, MEDIUM:90(±15)kPa, HIGH:120(±15)kPa (Adjustable also could customize mbar))
Alarms	Loose, Occlusion, Empty, Near Empty, Rate Abnormal, Low Battery, No Battery, Infusion Complete, No Action. Syringe Plunger Disengagement
Alarm Volume	Three levels: LOW, MEDIUM or HIGH
Bolus Rate	0.1-2000.0ml/h, Programmable and adjustable Automatic/Manual bolus available
Bolus Volume	Range:1.0-50.0ml, Increment:0.1ml
Sequential Mode	have
Drug library Mode	16 categories of common drugs, amounts to 1030 kinds of drug names, Makes drug dispensing more convenient and safer.
Interface	RS-232 (Optional)
Brightness	1~10 levels can be selected
History records	2000 events stored can be checked and downloaded
Power source	AC power supply: AC 100 to 240V(+/- 10%), 50/60Hz; DC Power supply: 12~15V, power > 15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation
Accessories:	AC power line, Operational manual
Protection Class	Class I, Type CF, IPX44
Dimension /N.W	240mm*150*117mm , 2.5KG