

| M500 : Infusion Pump

Reliable Infusion for Everyday Clinical Care



Reliable



Simple



Clinical

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Clinically Oriented Design

Proven Vertical Structure for Clinical Use

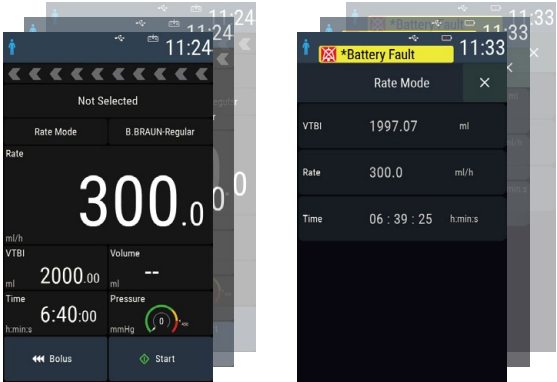
- Compact vertical design for space-efficient bedside use.
- 3.97-inch colored capacitive touchscreen.
- Easy door-open tubing loading.
- Clear and intuitive tubing path.
- Designed for efficient clinical workflow.



Clear Upright Display

Clear and Intuitive User Interface

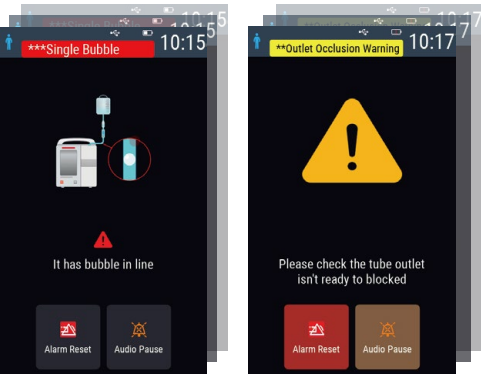
- Large verticle screen for easy parameter visibility.
- Clear display of rate,VTBI, and infusion time.
- Simple parameter setting with minimal steps.
- Designed for quick clinical operation.



Integrated Drug Library

Drug Library for Medication Safety

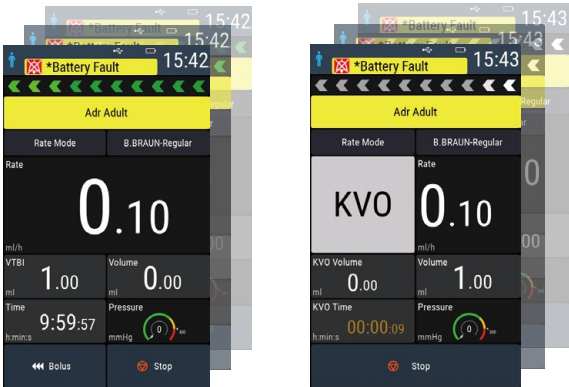
- Pre-configured drug profiles.
- Dose error reduction support.
- Configurable soft and hard limits.
- Help reduce programming errors.



Comprehensive Safety Protection

Multi-layer Infusion Safety

- Air-in-line detection.
- Adjustable occlusion alarm levels.
- Anti-free-flow protection.
- Door-open alarm.
- KVO function after infusion completion.



Stable Continuous Infusion

Reliable Infusion Performance

- Wide flow rate range.
- Stable long-duration infusion.
- Suitable for fluids, antibiotics, and nutrition therapy.

Specifications

Host	Weight: ≤1.9kg	Dimension: 160mm x 96mm x 244mm
Display	Screen Type: Capacitive touchscreen	
	Screen Size: 3.97 inches	Resolution: 800 x 480 pixels
Infusion accuracy	Infusion rate accuracy: ≤±5%	Drip rate accuracy: ≤±10%
	Bolus volume accuracy: ≤±5% or ±0.02ml, whichever is greater	
	KVO rate accuracy: ≤±5%	
Infusion & Bolus rate	0.10ml/h ~ 1500ml/h	
	0.10~99.99 ml/h increment 0.01ml/h, 100.0 ~999.9 ml/h increment 0.1 ml/h,	
	1000 ~1500 ml/h increment 1ml/h	
Maximum infusion pressure	1350mmHg (at rate 25.00ml/h)	
Single air bubble limit	8 adjustable levels: 15, 25, 50, 100, 200, 400, 600, 800ul (M500 Pro & M500 Ex)	
Accumulated air limit	7 adjustable levels (within 15min): 100, 200, 400, 500, 600, 800, 1000ul	
Occlusion pressure	15 adjustable levels: 50, 150, 225, 300, 375, 450, 525, 600, 675, 750, 825, 900, 970,	
	1050, 1125 mmHg	
Single Fault Infusion Volume	≤0.5ml	
KVO rate	0.10~30.00 ml/h, minimum increment: 0.01ml/h	
VTBI range	(0.10~9999.99) ml, minimum increment: 0.01ml	
Volume	Set range: 0.10~99999.99, minimum increment: 0.01ml	
Dose rate	Set range: 0.001~99999	
Drug Amount	Set range: 0.001~99999	
Concentration	Set range: 0.001~9999.99	
Data storage	10,000 history records (M500 Pro), 8,000 history records (M500 Ex), 5000 history records (M500)	
Drug Library	Support storage of 5000 drug profiles, 20 label colors, 30 drug categories	
Power supply	AC: 100-240V, 50/60Hz, 0.43-0.22A ; DC:15VDC, 1.7A	
	Rate mode, Time mode, Micro mode, Weight mode, Sequence mode, Loading dose mode	
Working mode	Intermittent mode, Ramp mode, Dose time mode, Drip mode	
Battery life	16 hours (@5.00ml/h, 2 Lithium battery), 8 hours (@5.00ml/h, 1 Lithium battery)	
Classification	Class I, Type CF	
Degree of protection	IP34	
Connection	1USB, Multifunctional port (Nurse call), WiFi 2.4G/5G (optional), IEEE802.11 a/b/g/n.	