

Syringe Pump M300

Precision Infusion. Simplified Workflow



Reliable



Simple



Precision



Guangdong Biolight Meditech Co., Ltd.

Add: No.2 Innovation First Road, Technical Innovation Coast, Hi-tech Zone, Zhuhai, P. R. China, Postcode: 519085
Tel: +86-756-3399935 Fax: +86-756-3399911 Email: overseas@blt.com.cn <https://global.blt.com.cn>

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Designed for Daily Clinical Use

User-Centerd Design

- Responsive 3.5-inch colored capacitive touchscreen.
- Compact and lightweight design for easy transport and bedside use.
- Clear and intuitive interface reduces training time and operation errors.



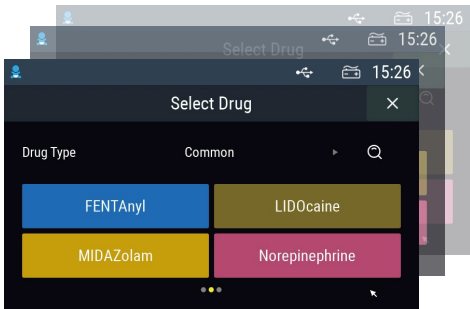
Fast and Intuitive Syringe Loading

- Manual syringe loading mechanism enables quick and straightforward setup.
- Reduced mechanical complexity improves long-term reliability.
- Compatible with different syringe brands.
- Fast preparation supports urgent clinical situations.

Customizable Drug Library

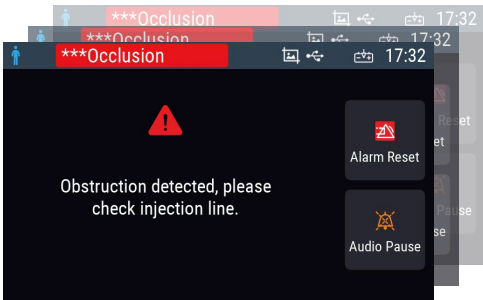
Safer Medication Management

- Support customizable drug library based on hospital protocols.
- Enables standardized drug concentrate and doing units.
- Help reduce medication errors and improve infusion safety.
- Flexible configuration adapts to different departments and clincial practices.



Comprehensive Safety Protection

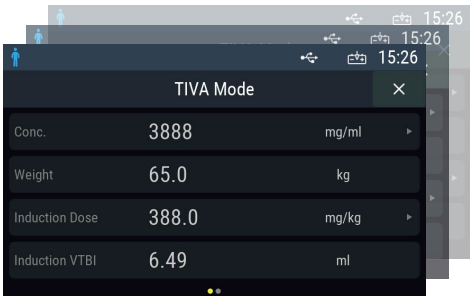
- Advanced occulison detection ensures timley blockage alarms.
- Air-in-line detection enhances patient safety.
- Clear visual and audible alarm system for critical events.
- Drug library support helps reduce dose-ralated errors.



Versatile Clinical Applications

Suitable for a wide range of clinical settings

- Intensive Care Unit - Supports continuous and precise drug delivery for clinically ill patients.
- Emergency Department - Allows fast setup and dependable performance in urgent situations.
- Gernal Ward - Simplified routine infusion with easy operation.



Specifications

Host	Weight: ≤2.20kg	Dimension: 342mm x 132mm x 160mm
Display	Screen Type: Capacitive touchscreen	
	Screen Size: 3.5 inches	Resolution: 800 x 480 pixels
Infusion accuracy	Mechanical accuracy: ≤±0.5%	Infusion rate accuracy: ≤±2%
	Bolus volume accuracy: ≤±2% or ±0.05ml, whichever is greater	
	KVO rate accuracy: ≤±2% or ±0.005ml/h, whichever is greater	
Compatible syringe sizes	5ml, 10ml, 20ml, 30ml, 50ml, 60ml	
Infusion rate	0.10 to 300.0 ml/h (5ml syringe)	0.10 to 1500.0 ml/h (30ml syringe)
	0.10 to 800.0 ml/h (10ml syringe)	0.10 to 2300.0 ml/h (50ml syringe)
	0.10 to 1200.0 ml/h (20ml syringe)	0.10 to 2300.0 ml/h (60ml syringe)
	Increment	
	0.01ml/h (0.10 to 99.99ml/h)	1ml/h (1000 to 2300ml/h)
	0.1ml/h (100.0 to 999.9ml/h)	
Occlusion pressure	15 levels selectable (10ml, 20ml, 30ml, syringes, 50~1125 mmHg), 13 levels selectable	
	(50ml, 60ml syringes, 50~975mmHg), 3 levels selectable (@5ml syringe, 300/600/900mmHg)	
Single Fault Infusion Volume	≤0.2ml	
KVO rate	0.10~5.00 ml/h , minimum increment: 0.01ml/h	
VTBI range	(0.10~9999.99) ml, minimum increment: 0.01ml	
Bolus range	0.10 to 2300 ml/h	
Dose rate	Set range: 0.001~99999	
Drug Amount	Set range: 0.001~99999	
Volume	Set range: 0.10~99999.99, minimum increment:0.01ml	
Concentration	Set range: 0.001~9999.99	
Data storage	10,000 history records (M300 Pro), 8,000 history records (M300 Ex), 5000 history records (M300)	
Drug Library	Support storage of 5000 drug profiles, 20 label colors, 30 drug categories	
Working mode	Rate mode, Time mode, Micro mode, Weight mode, Sequence mode, Loading dose mode	
	Intermittent mode, Ramp mode, Dose time mode, TIVA 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	1 USB Port, Multifunctional Port (Nurse call),WiFi 2.4G/5G (optional), IEEE802.11 a/b/g/n.	