



AV-500 TCI

TCI Pump

Work Mode:

1. Constant Infusion
2. Intermittent Infusion
3. TCI

Infusion Mode:

1. Easy mode
2. Flow rate
3. Time-based
4. Body weight
5. Plasma TCI
6. Effect TCI

Calculate Mode:

1. Maximum Mode
2. Increment Mode
3. Constant Mode

AV-500 TCI

TCI Pump

Product Specifications

Model	AV-500 TCI	
Syringe Size	5, 10, 20, 30, 50/60 ml	
Applicable Syringe	Compatible with syringe of any standard	
Volume	1-1000 ml	1-10 ml in 0.1 ml increments
		10-100 ml in 1 ml increments
		100-1000 ml in 10 ml increments
Flow Rate	Syringe 5 ml: 0.1-100 ml/h	0.1-1 ml/h in 0.01 ml/h increments
	Syringe 10 ml: 0.1-300 ml/h	1-10 ml/h in 0.1 ml/h increments
	Syringe 20 ml: 0.1-600 ml/h	10-100 ml/h in 1 ml/h increments
	Syringe 30 ml: 0.1-800 ml/h	100-1200 ml/h in 10 ml/h increments
	Syringe 50 ml: 0.1-1200 ml/h	
Bolus Rate	Same as flow rate	
Anti-Bolus	Automatic	
Accuracy	±2% (mechanical accuracy ≤ 1%)	
Infusion Mode	1. Easy mode	2. Flow rate
	3. Time-based	4. Body weight
	5. Plasma TCI	6. Effect TCI
KVO Rate	0.1-1 ml/h (in 0.01 ml/h increments)	
Alarms	Occlusion, near empty, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, reminder alarm, pressure sensor error, syringe installation error, syringe drop off	
Additional Features	Real-time infused volume, automatic power switching, automatic syringe identification, mute button, purge, bolus, anti-bolus, system memory, history log, key locker	
Drug Library	Available	
Occlusion Sensitivity	High, medium, low	
History Log	50000 events	
Wireless Management	Optional	
Power Supply, AC	110/230 V, 50/60 Hz. 20 VA	
Battery	14.8 V, rechargeable	
Battery Life	8 hours at 5 ml/h	
Working Temperature	5-40°C	
Relative Humidity	20-90%	
Atmospheric Pressure	700-1060 hpa	
Size	245*120*115 mm	
Weight	2.5 kgs	
Safety Classification	Class II, type BF	

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