

JMS



INFUSION PUMP

OT-701

Drip rate peristaltic pump. Accept any standard set.
Compact design / Optimal safety / Easy operation

INFUSION PUMP

OT-701

is a multi-functional infusion pump to deliver drugs precisely together with standard IV set. Succeeding to the heritage of the international best seller infusion pump OT-601, OT-701 is designed to realize more user-friendly operations in the compact package.

- Designed to be
 - Complying with
- Minimized operation
 - 30dB in case of
- Precise flow rate
 - 0.1 mL/hr steps
- "Volume Clear"
- Easy to adjust



Alarm Lamp

Visible and audible alarm, easy to notice from any direction.

Color LCD Display

Easy to read display even under direct sunlight.

Pump Door

Detachable and washable.

Door Light (equipped inside)

Convenient to operate in nighttime.

Air Detector

Finger Cassette

Detachable and washable, designed to prevent free-flow.

Occlusion Sensor

Door Open Sensor

More sensitive sensor for door open detection.

Tube Clamp

A new design to prevent free-flow. Tube clamp is newly designed to be detachable and washable too.

Bottom Joint

Easy to mount on threaded screw hole optional dual-unit rack.

Handhold

Easy to operate with single hand.

Optical Communication Port

Easy to communicate internal memory, using optional Data Processing Kit.

drip-proof
 IEC 60529:IP-X3
 Rational sounds
 200mL/hr infusion
 te setting
 at 1.0 to 29.9mL/hr range
 Switch to reset is provided.
 flow rate by $\pm 30\%$ range

- Ultra sonic air detector is provided.
- Programmed to reduce false alarm of drip detection caused by tilted drip chamber or oscillation during transportation.
- Finger cassette, Drip detector and Battery are interchangeable with those of model OT-601 for easier service and maintenance.
- Selectable sound quality.
- Selectable Alarm Sound (Higher sound quality)
 - Four alarm sound patterns available for selection.



Drip Detector Hangar
 Convenient to place Drip detection while not in use.

Pole Holder

Alarm Volume Controller
 8-step volume for selection, covered with waterproof cap.

Occlusion Sensitivity Adjuster
 8-step occlusion for adjustment, covered with waterproof cap.

Antislipping Sheet
 Attachment to prevent accidental slip down.

Battery Cover
 Transparent to see through DIP switch setting.

AC Power Receptacle
 Class II type CF
 Drip-proof design.

SPECIFICATIONS

Product name	INFUSION PUMP		
Model	OT-701		
Code No.	27-01-701-10 (Euro plug) 27-01-701-20 (US plug) 27-01-701-30 (UK plug)		
Pump Type	Drip Rate Peristaltic Finger Pump		
Set Requirement	Standard PVC IV set (15~20 drops/mL) or Micro drip IV set (60 drops/mL) with 3.4~4.5 mm O.D. tubing		
Flow Rate	<u>IV set</u>	<u>mL/hr</u>	<u>drops/min</u>
	15~20 drops/mL	1~450 (1~100) mL	1~100 (1~100) drops/min
	60 drops/mL	1~100 (1~100) mL	1~100 (1~100) drops/min
	The values in () are the ranges when flow rate range of DIP switch is set to narrow side.		
Rate Step	1 mL step		
Flow Rate Accuracy	±10% (with adjusting function)		
Drip Rate Accuracy	±2% (after more than 500 drops have been infused)		
Volume Infused Display	0~9999 mL		
Volume Limit	1~9999 mL or no limit		
Purge Rate	more than 450 ml/hr		
Alarms	Door Open, Low Battery, Internal Malfunction, Air in Line, Infusion Complete, Empty Container, Reminder, Abnormal Drips		
KVO(keep vein open)	1 mL/hr		
Occlusion Pressure	60~140 kPa (adjustable)		
Air Detection Method	Ultrasonic		
Drip Detection Method	Double Infrared Photoelectric Beam		
Finger Cassette	Detachable		
Tube Clamp	with lock lever, detachable		
Nurse Call	Terminal on the bottom		
Communication	Optical communication		
Display	Color LCD with back light		
Battery	Rechargeable Nickel Cadmium Battery Life: 4 hours at 125 mL/hr when fully Charged Recharge: 30 hours when fully discharged		
Operation Conditions	Ambient Temperature: 15~40°C Relative Humidity: 30~85% (with no condensation)		
Storage Conditions	Ambient Temperature: -10~40°C Relative Humidity: 20~95% (with no condensation)		
Dimensions	108(W)×148(D)×210(H) mm		
Weight	2.3 kg		
Power Required	85~264 Vac, 50/60 Hz		
Power Consumption	12 VA		
Compliance	Protection against Electric shock: Class II type CF		



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