



INFUSION PUMP

OT-701

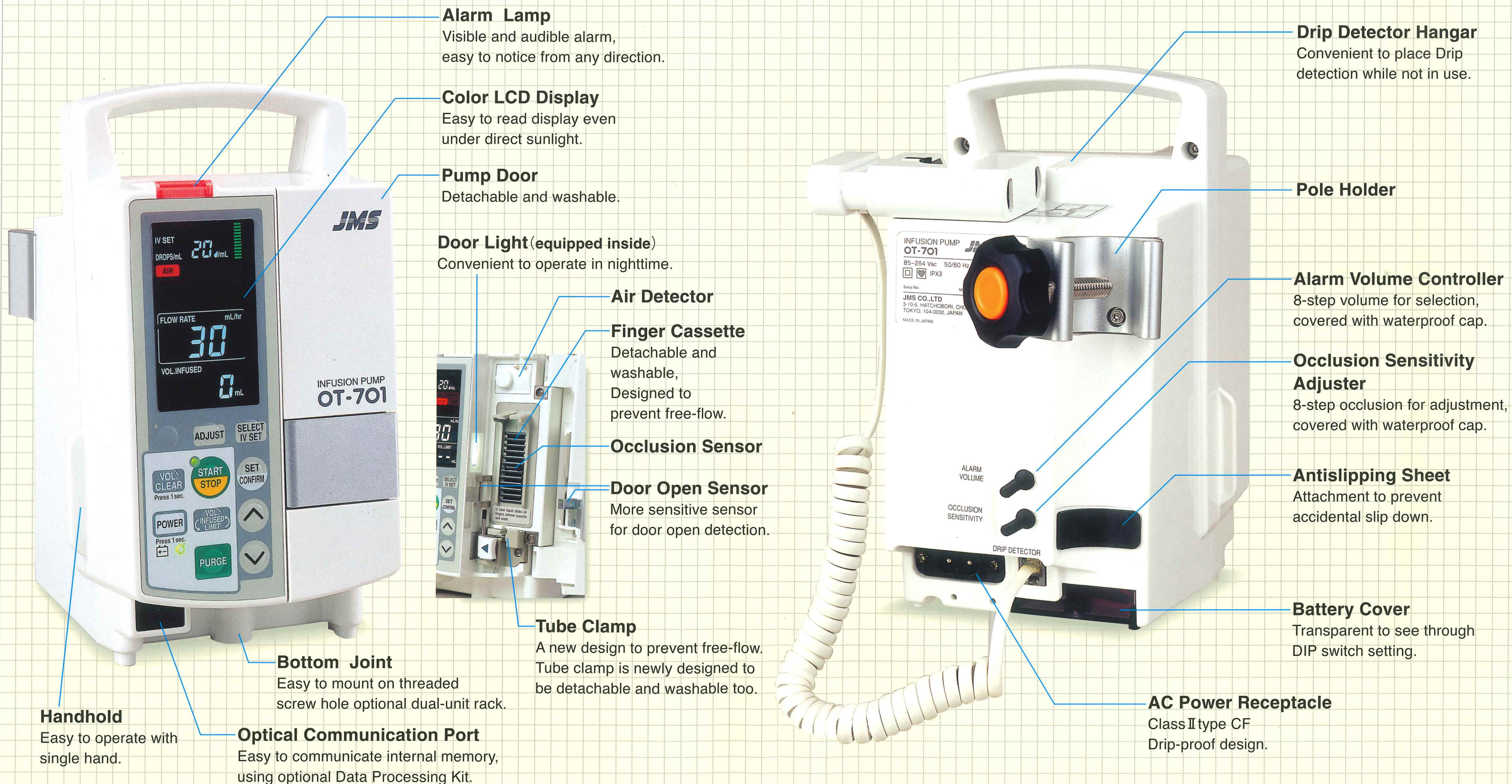
Drip rate peristaltic pump. Accept any standard set.
Compact design / Optimal safety / Easy operation

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 drip-proof
 - Complying with IEC 60529:IP-X3
- Minimized operational sounds
 - 30dB in case of 200mL/hr infusion
- Precise flow rate setting
 - 0.1mL/hr steps at 1.0 to 29.9mL/hr range
- "Volume Clear" Switch to reset is provided.
- Easy to adjust 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.



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	IV set	mL/hr	drops/min
	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		



<http://www.jms.cc>

JMS Co.,Ltd.
12-17 Kako-machi, Naka-ku Hiroshima 730-8652, Japan
Phone : +81-(0)82-243-5505 Fax : +81-(0)82-243-1976

2009.04.01XE006-LP
2014.09.03XE006-LP