

# OT-701

## Peristaltic Infusion Pump

JMS OT-701 is a Universal Peristaltic Pump for Nutrition, Intravenous and other infusions with micro and macro function.



### Characteristics

- Convenient, Compact and Light
- Designed to be drip-proof
- Color LCD Display
- Door Light (to operate at nighttime)
- Air Detector
- Occlusion Sensor
- Door Open Sensor
- Pole Holder
- Alarm Lamp
- Easy to Maintain



# OT-701

## Technical Specifications Peristaltic Infusion Pump Model OT-701

PRODUCT NAME	INFUSION PUMP				
MODEL	OT-701				
CODE #	Contact your Distributor (US Plug, EURO Plug & UK Plug available)				
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 Type	ml/hr		drops/min	
		Standard	Narrow	Standard	Narrow
	drops/ml 15	1.0-450	1.0-100	1-100	1-100
	drops/ml 20	1.0-450	1.0-100	1-100	1-100
	drops/ml 60	1.0-100	1.0-100	1-100	1-100
	Factory Setting: Flow Rate Unitage (ml/hr) Factory Setting: Flow rate range (Standard)				
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	100±400 kPa (1±0.4kgf/cm <sup>2</sup> )				
COMMUNICATION	Optical Communication				
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				
DISPLAY	Color LCD with back light				
BATTERY	Rechargeable Nickel Cadmium Battery life: 4 hours at 125 ml/hr when fully charged Recharge: 30 hours: 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) x 148 (D) x 210 (H) mm				
WEIGHT	2.3 Kg				
POWER REQUIRED	85-264 Vac, 50/60Hz				
POWER CONSUMPTION	12 Va.				
CLASSIFICATION	Class II, Internal Power Supply Type CF, IPX3				
COMPLIANCE	IEC 60601-1-2 EMC; IEC 60529				
ACCESSORIES	Drip Detector, Power Cord, Beads-tie, Quick Reference, Operator's Manual				
ORIGIN	Japan				



For more information please contact  
us or your local distributor

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