



INFUSION PUMP

07-701

Drip rate peristaltic pump. Accept any standard set.

Compact design / Optimal safety / Easy operation

INFUSION PUMP

PROPS/mL LId/mL

ADJUST SELECT

POWER

Handhold

single hand.

Easy to operate with

SET

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.

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INFUSION PUMP

OT-701

- 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 ± 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.

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.

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 I type CF Drip-proof design.

Bottom Joint

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

Optical Communication Port

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



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



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