



SP500 SYRINGE PUMP

SP500 MEETS ALL THE BASIC REQUIREMENTS FOR GENERAL USE

CONTEC™

No.112 Qinhuang West Street, Economic & Technical Development Zone, Qinhuangdao,
Hebei Province, PEOPLE'S REPUBLIC OF CHINA

Tel: 0086-335-8015430

Fax: 0086-335-8015588

E-mail: cms@contecmed.com.cn

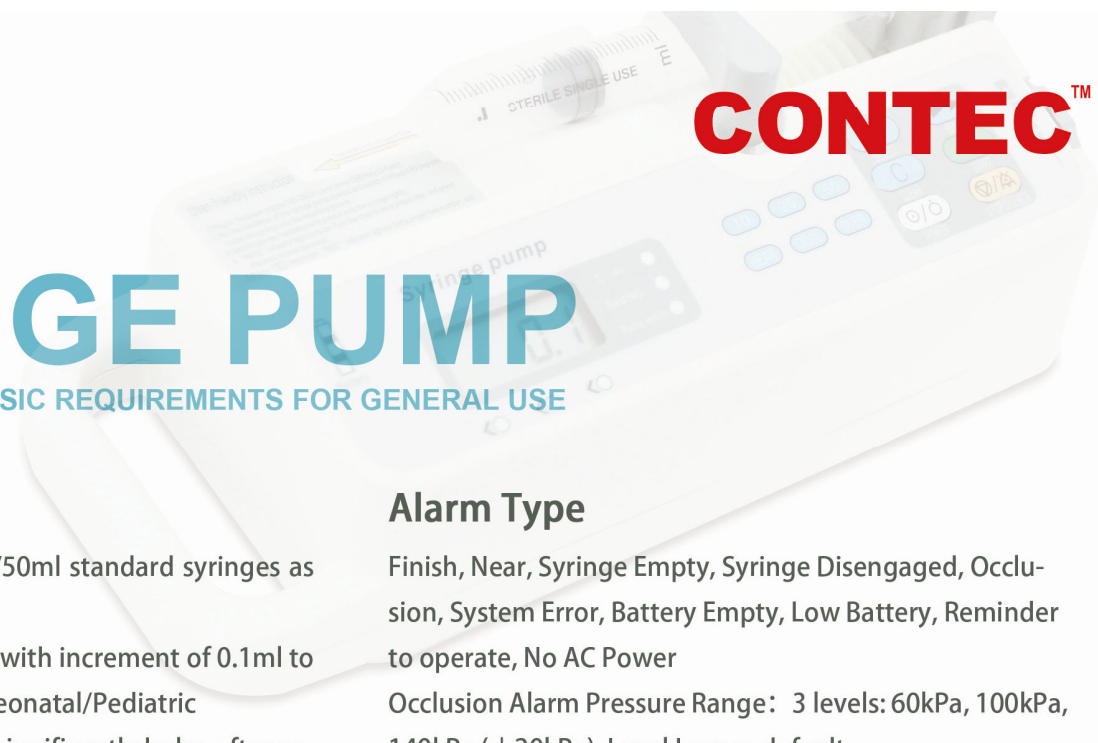
contec88@gmail.com

Website: <http://www.contecmed.com>

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Features

- ◆Compatible with 10ml/20ml/50ml standard syringes as open system
- ◆Micro flow rate until 0.1ml/h with increment of 0.1ml to satisfy the requirement for Neonatal/Pediatric
- ◆Anti-bolus system to reduce significantly bolus after occlusion sudden release
- ◆Reminder alarm in case of forgetting to start the operation
- ◆KVO Rate adjustable
- ◆Alarm volume adjustable on 3 levels
- ◆Wireless data transmission with infusion supervision system

Technical Specifications

Operating Mode: Flow Rate Mode

Syringe Type: 10, 20, 50 ml

Preset Volume: 0.0-999.9ml

Accumulated Injection Volume: 0.1 - 999.9 ml

Flow Rate Range:

10 ml syringe: 0.1 ml/h - 100 ml/h (increment 0.1 ml/h)

20 ml syringe: 0.1 ml/h - 200 ml/h (increment 0.1 ml/h)

50 ml syringe: 0.1 ml/h - 500 ml/h (increment 0.1 ml/h)

Accuracy : $\pm 3\%$

Bolus Rate: 10 ml syringe: 100 ml/h

20 ml syringe : 200 ml/h

50 ml syringe : 500 ml/h

KVO Rate : 0.1-5.0ml/h adjustable, 1ml/h as default

Display

Screen: 2.0 inch B/W LCD

Information: Flow Rate, Accumulated injection volume, Preset volume, Syringe size, Battery capacity, Bed No., AC power indicator, Battery charge indicator, etc.

Alarm Type

Finish, Near, Syringe Empty, Syringe Disengaged, Occlusion, System Error, Battery Empty, Low Battery, Reminder to operate, No AC Power

Occlusion Alarm Pressure Range: 3 levels: 60kPa, 100kPa, 140kPa (± 20 kPa), Level Low as default

Battery

Type: Lithium polymer battery

Operation Time:

Up to 4 hours continuous operation @5 ml/h flow rate with standard battery

Up to 5 hours continuous operation @5 ml/h flow rate with optional battery

Environment

Temperature :5 - 40 °C for operating; -20 - 50 °C for storage

Air Pressure: 86 - 106 kPa for operating; 50 - 106 kPa for storage

Humidity : 20 % - 80 % for operating; 10 % - 95 % for storage

Others

Classification: Class II, Type BF

Dimension: 310 mm(L) × 125 mm(D) × 115 mm(H)

Weight : Approximately 1.8 kg

Power Supply: 100 - 240 VAC, 0.25-0.11A, 50/60 Hz

Waterproof level: IPX3