



Friendliness

- "One hand operation" and intuitive keypad
- Compact and lightweight design for easy carrying
- Long runtime battery, suitable for emergency and patient transfer

Safety

- High accuracy: $\pm 2\%$, satisfying neonatal use
- Fast start function against start delay due to friction
- Dynamic pressure detection, Anti-bolus, Last parameter configuration, Drug Library, History Events
- IP24 water and dust protection, support cleaning with water

Connectivity

- Ambulance support
- WiFi connection available
- Dock support



BeneFusion SP3 Syringe pump

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healthcare within reach

BeneFusion SP3

| Specifications and functions | |
|---------------------------------------|---|
| Dimension | 330 x 126 x 110mm |
| Syringe size | 5, 10, 20, 30, 50/60ml |
| Infusion mode | Rate mode, Time mode, Body weight Mode |
| Flow rate range | 5ml syringe: (0.1~150) ml/h; 10ml syringe: (0.1~300) ml/h; 20ml syringe: (0.1~600) ml/h 30ml syringe: (0.1~900) ml/h; 50ml/60ml syringe: (0.1~1500) ml/h |
| Accumulated volume | 0.1~9999 ml, increment is 0.1 ml |
| VTBI | 0.1~9999 ml, increment is 0.1 ml |
| Increment | 0.1~999.9 ml/h, increment is 0.1 ml/h; 1000~1500 ml/h, increment is 1 ml/h |
| Accuracy | Flow rate ≥ 1 ml/h: Accuracy $\leq \pm 2\%$; Flow rate < 1 ml/h: Accuracy $\leq \pm 3\%$ |
| KVO rate | 0.1-5.0 ml/h, adjustable |
| Bolus/Purge rate | 0.10-1500ml/h (depending on syringe size) |
| Occlusion | Low 300 \pm 75 mmHg (40kPa) Medium 525 \pm 75 mmHg (70kPa) High 900 \pm 135 mmHg (120 kPa) |
| Screen | 3.0" LCD monochrome screen, 240 x 128 pixels |
| Titration | Yes |
| Keypad lock | Yes |
| Pause | Yes |
| Automatic recognition of syringe size | Yes |
| Self-test system | Yes |
| Last parameter configuration | Yes |
| Drug library | 200 drugs |
| History record | 1500 events |
| Weight | <1.8kg (including clamp) |
| Dock | Supported |
| Handle | Included |
| Mounting type | Standard: Vertical Pole; Optional: Horizontal Pole |
| Alarm Volume | 1-8 levels selectable |
| Preset syringe brand | 8, include B-D, B.Braun, Terumo, and 5 Chinese brand; local brand configuration supported |
| Language | 11, Chinese, English, French, Russian, Turkish, Portuguese, Polish, Bulgarian, Czech, Romanian |
| Alarm | |
| | VTBI done, VTBI near done, KVO finish, syringe empty, syringe near empty, syringe disengaged, occlusion, system error, system abnormal, battery low, battery empty, reminder, AC power disconnection, standby |
| Safety Requirement | |
| AC power | 100-240V (50/60Hz) |
| Battery type | Lithium |
| Battery operation time | Standard: 6 hours@5ml/h; Optional: 12 hours@5ml/h |
| Charging time | <5hours |
| Classification | CF, Class I |
| IP Grade | IP24 |
| Temperature | 0~40°C for operating, -40~70°C for storage |
| Humidity | 15~95% for operating, 10~95% for storage |
| Air pressure | 57~106kPa for operating, 50~106kPa for storage |
| Interface | |
| Data interface | Supported, RS232 |
| Wireless | WiFi (optional) |
| Nurse Call | Supported |
| DC input | Supported |
| Ambulance | Supported, meet EN-1789 requirement |

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P/N:ENG-BeneFusion SP3 Syringe pump-210285x2-20150811

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