The Inject S is your right choice for cost effective intravenous, intra-arterial, epidural, or subcutaneous infusion of medications. The device is characterized by:

- Intuitive and user-friendly operation - Simple entry of parameters via numeric keypad
- Automatic and manual bolus modes - Set-up menu enables customization of the pump
- Anti-bolus and anti-siphon functions increase patient safety
- Titration allows to change the infusion parameters without interruption of infusion
- All major brand syringes from 1 ml to 100 ml are accepted
- The drug library contains 15 drug names and can be updated by physicians

### Technical Data

#### Flow rate range
- 0.1 – 99.9 ml/h in 0.1 ml/h steps
- 100 -1500 ml/h in 1 ml/h steps

#### Volume infused
- 0.1 – 9999 ml

#### Volume to be infused (VTBI)
- 0.1 – 99.9 ml in 0.1 ml steps
- 100 to 999 ml in 1 ml steps or unlimited volume

#### Programmable infusion time
- 1s – 99h 59min 59 sec

#### Keep Open Rate (KOR) rate
- 0.1 ml/h -10 ml/h in 0.1 ml/h steps

#### KOR volume
- 1% of the syringe volume

#### Standby time
- 1 - 999 min in 1 min steps

#### Volume infused
- 0.1 to 9999 ml

#### Volumetric accuracy with approved syringes
- ± 2% (according to EN 60601-2-24)

#### Compatible syringes, ml
- 5 – 100 ml of all major brands including additional brands (upon agreement)

#### Occlusion alarm pressure
- Low - 40±15kPa, medium 80±25kPa, high 120±35kPa

#### Event log
- Not less than 2000 events

#### Bolus rate
- 10 -1500 ml/h in 1 ml/h steps

#### Bolus volume limit
- 0.1 – 99.9 ml in 0.1 ml steps

#### Purge volume
- No limit

#### Maximum volume under single fault condition
- <0.5 ml

#### Alarms (messages)
- Very Low Battery – Error XX – Syringe plunger not fitted – Clamp open – Occlusion – occlusion or End – Syringe empty – End of infusion
- STOP – End of profile
- STOP – Syringe empty
- KOR – End of infusion
- KOR – Low battery with battery LED flashing
- X min pre alarm – 2 min inactive

#### Selectable options for customized operations
- Enabled via set-up menu:
  - VTBI — Volume over time — Infusion rate limit: xxxx ml/h — Automatic/manual bolus — Bolus rate programming — Bolus rate limit: xxxx ml/h — Total volume display — Autosave — Drug name display — Titration — Standby — Keypad lock — Quiet mode — KOR function — KOR rate XX ml/h — Date and time display
  - Selectable infusion modes:
    - Continuous rate
    - Easy pump
    - Profile — TIVA

#### Protection
- Class II, CF, IP42

#### Operation conditions
- +5 to +40 °C

#### Storage conditions
- -20 to +40 °C

#### Power supply
- (220 - 230) VAC ± 10%, 50/60 Hz, or internal rechargeable battery

#### Power consumption
- 10 VA (max)

#### Battery type
- Built-in NiMH 9.6 V 1800 mAh

#### Battery life
- 14 h @ 5 ml/h

#### Battery charging time
- Up to 24 hours

#### Weight
- 2.6 kg

#### Dimensions
- 135x305x195 cm

#### Standards
- EN 60601-(1, 1-2, 1-6, 1-8, 2-24)

#### Optional
- 10g Wall Bracket (SV04034D)

SV04033C — Inject S syringe pump

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