

# INJECT S

## Infusion pump



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
Stand by 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	<u>Enabled via set-up menu:</u> 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 <u>Selectable infusion modes:</u> 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  Distributed by Spencer Italia S.r.l.



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UNCHECKED COPY – further revisions will be available on <http://support.spencer.it>

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