

SO[♥]CONNECT

Ambulatory Infusion Pump



Technical information

www.so-connect.eu

Description of the SO♥CONNECT pump

The SO♥CONNECT pump is an ambulatory infusion pump dedicated to controlled subcutaneous administration of Apomorphine to treat Parkinson's Disease. It uses 20mL, 30mL, and 50mL single-use drug-biocompatible sterile syringe SO-FILL exclusively. One SO♥CONNECT pump is compatible with **all** these syringe volumes.

Healthcare professionals in a clinical environment and users (patients or medical staff) at home are using the SO♥CONNECT pump.

The SO♥CONNECT pump is intended to simplify treatment and ensure patient safety. Its main characteristics are:

- ▶ **User-friendly with a resistive touchscreen**
- ▶ **Telehealth via a Bluetooth Low Energy connection for the transmission of the clinical data (in option)**
- ▶ **Safe with a display lock for settings and configurations**
- ▶ **Smart via simplified infusion management that allows the modification of the flowrate even during infusion**

Technical characteristics

Pump dimensions	70 x 65 x 34 mm
Battery	VARTA EZPack L (1200 mAh)
Infusion rates	0 to 40 mg/h (by increments of 0.5 mg/h)
Infusion modes	Change the infusion rates manually or automatically according to a schedule
Bolus configuration	Bolus number, volume, refractory period
Drug alarm	Alarm configuration possible (up to 24 alarms)
Connectivity	Possibility of connection with a remote control for Bolus and a clinical follow-up smartphone application
Precision of the infusion rate	±5%
Occlusion pressure	1.5 bars
Memory	All the parameters are saved, even if the battery is removed
Secured functions	A display lock prevents misuses (password lock)
Security	Switch to detect the syringe Comprehensive alarm system compliant with regulations Optimized occlusion detection algorithm
Screen	Resistive touchscreen: TFT 2,4" RGB 320 x 240 pixels
Motor	Stepper motor with magnetic encoder
Degree of protection	IPX2
Supplied accessories (in the box)	Battery charger, 2 batteries, user manual
Warranty	Two years against manufacturing defects



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