

Ambulatory pump

TECHNOLOGY FOR HEALTH



CRONO S-PID

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PUMP DESCRIPTION

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CRONO S-PID uses 10 and 20 ml dedicated reservoirs.
To improve the absorption of the drugs, CRONO S-PID administers 22 µl per shot.

The pusher mechanism, which operates directly on the rubber piston of the reservoir, enables the pump to combine high delivery pressure with excellent precision while administering the drugs. An innovative infusion control system allows the pump to automatically restart and finish an infusion after an occlusion has been removed.

CRONO S-PID is provided with a liquid crystal display (LCD) which shows practical information to the doctor and patient about the settings, operations and diagnostics of the pump.

CRONO S-PID

TECHNICAL FEATURES

PUMP DIMENSIONS	3.00 x 1.94 x 1.15 in (76 x 49 x 29 mm).
PUMP WEIGHT	115 g (4.06 oz.), including battery.
BATTERY	Lithium CR 123A 3V (battery life approx. 100 infusions).
SINGLE-USE RESERVOIRS	Dedicated, with a 10 and 20 ml capacity and a "Luer-Lock" universal safety attachment.
PARTIAL VOLUME	Selectable, from 1 to 10 ml in 1 ml increments (10 ml reservoir). Selectable, from 1 to 20 ml in 1 ml increments (20 ml reservoir).
FLOW RATE	Programmable from: 0.20 ml/h. to 40.00 ml/h.
AVAILABLE PRIMING VOLUME	1.5 ml.
FLOW RATE PRECISION	+/- 2 %.
OCCLUSION PRESSURE	6.0 bar +/- 2.0.
SHOT VOLUME	22 microlitres (shot: quantity administered for every rotation of the motor).
POST-OCCLUSION BOLUS	Approx 1.2 ml.
SETTINGS MEMORY	All settings are automatically stored in a flash memory which is retained even if the device is left without a battery.
DISPLAY	Liquid crystal display (LCD) (1.1 x 2.8 cm; 0.43 x 1.0 in).
MOTOR	Coreless DC motor, the rotation of which is controlled by an infrared system.
SETTINGS LOCK	Two configurable levels.
ELECTRONIC CIRCUIT WITH TWIN MICROCONTROLLERS	Ensures a more reliable and safer infusion system.
SAFETY CIRCUITS	These check that the device is functioning correctly, intervening in the event of any anomaly with sounds and messages on the display.
INGRESS PROTECTION RATING	IP 42.
EQUIPMENT SUPPLIED	Ambulatory pump, infuser carry-case, elastic belt, supporting cord, fabric pouch, 2 batteries, battery cover opening tool and user manual.
GUARANTEE	Two years for manufacturing defects.