

Ambulatory pump

TECHNOLOGY FOR HEALTH



CRONO S-PID 50

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PUMP DESCRIPTION

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CRONO S-PID 50 uses 50 ml dedicated reservoirs.

The pump's standout features are:

- the ability to choose between time or flow rate programming modes;
- the ability to divide the drug volume contained in the syringe over several infusion sites (feature only available in flow rate mode).

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 immunoglobulins.

CRONO S-PID 50 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 50

TECHNICAL FEATURES

PUMP DIMENSIONS	3.31 x 2.17 x 1.65 in (84 x 55 x 42 mm).
PUMP WEIGHT	139 g (4.47 oz.), including battery.
BATTERY	Lithium CR 123A 3V (battery life about 60/80 infusions).
SINGLE-USE RESERVOIRS	With a 50 ml capacity and a "Luer-Lock" universal security attachment.
PARTIAL VOLUME	Selectable, from 1 to 50 ml in 1 ml increments.
TIME MODE (DELIVERY TIME)	Selectable, from 30' m. to 500 h.
FLOW RATE MODE	Selectable, from 0.1 ml/h to 100 ml/h.
SETTING OF THE NUMBER OF INFUSION SITES (ONLY IN FLOW RATE MODE)	Selectable, from 1 to 5 sites.
AVAILABLE PRIMING VOLUME	1.5 ml.
FLOW RATE PRECISION	+/- 3 %.
OCCCLUSION PRESSURE	3.0 bar +/- 1.5.
SHOT VOLUME	20 microlitres (shot: quantity administered for every rotation of the motor).
POST-OCCCLUSION BOLUS	About 1.8 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 - 0.43 x 1.0 in; 11 x 28 mm).
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	They check that the device is functioning correctly, intervening in the event of any anomaly with acoustic signals 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.