

# Ambulatory pump

TECHNOLOGY FOR HEALTH



## **CRONO S-PID 30**

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## PUMP DESCRIPTION

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CRONO S-PID 30 uses 30 ml dedicated reservoirs.

The pump's standout features are:

- the ability to choose between time or flow rate programming modes;

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 30 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 30**

## TECHNICAL FEATURES

PUMP DIMENSIONS	3.14 x 1.85 x 1.18 in (80 x 47 x 30 mm).
PUMP WEIGHT	125 g, including the battery.
BATTERY	Lithium CR 123A 3V (battery life approx. 100 infusions).
SINGLE-USE RESERVOIRS	Dedicated with a 30 ml capacity and a "Luer-Lock" universal safety attachment.
QUANTITIES THAT CAN BE ADMINISTERED	Selectable, from 1 to 30 ml in 1 ml increments.
TIME MODE (DELIVERY TIME)	Selectable, from 25 m. to 300 h.
FLOW RATE MODE	Selectable, from 0.1 ml/h to 75 ml/h.
AVAILABLE PRIMING VOLUME	1.5 ml.
FLOW RATE PRECISION	+/- 3 %.
OCCLUSION PRESSURE	4.5 bar +/- 2.
SHOT VOLUME	33 microliters (shot: quantity administered for every rotation of the motor).
POST-OCCLUSION BOLUS	About 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) (dimensions: 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.