

CRONO S-PID 100

Ambulatory infusion pump



CE
0476

NEW MODEL

 **CANE**

MEDICAL TECHNOLOGY

PUMP DESCRIPTION

CRONO S-PID 100 is an ambulatory infusion pump with *reservoir* for controlled subcutaneous administration of drugs.

CRONO S-PID 100 is an union of high technology and innovative design. Its reduced dimensions and weight make it ideal for home use, giving the patient the freedom to engage in everyday activities during the therapy.

CRONO S-PID 100 uses 100 ml *dedicated* reservoirs.

The main features of the pump are:

- the possibility of selecting between time or flow rate programming mode:
- the possibility of dividing the volume contained in the syringe over several infusion sites (feature available only 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 drugs.

CRONO S-PID 100 is provided with a liquid crystal display which shows useful information to the doctor and to the patient on the pump's settings, operation and diagnostics.

TECHNICAL CHARACTERISTICS

Pump dimensions	88 x 59 x 56 mm (3.46 x 2.31 x 2.20 in).
Pump weight	140 g (4.50 oz.), including battery.
Battery	Lithium CR 123A 3V (battery life about 60/80 infusions).
Dedicated single use	Reservoir with a 100 ml capacity and a "Luer-Lock" universal security attachment.
Partial volume increments	Selectable, from 1 to 100 ml in 1 ml.
Time mode (delivery time)	Selectable, from 20' to 500 h.
Flow rate Mode	Selectable, from 0.2 ml/h to 300 ml/h.
Setting of the number of infusion sites (only in Flow rate Mode)	Selectable, from 1 to 5 sites.
Available priming volume	3.0 ml.
Flow rate precision	+/-3%.
Occlusion pressure	2.2 bar +/-1
Shot volume	20 microlitres (shot: quantity administered for every rotation of the motor).
Post-occlusion bolus	About 3.2 ml.
Settings memory	All settings are automatically stored in a flash memory which is retained even if the device is left without a battery. The settings are stored for a period of 10 years, twice the expected life time of the pump.
Display	Liquid crystal display (dimensions 11 x 28 mm; 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 a any anomaly with sounds and messages on the display.
Ingress protection rating	IP 42
Supplied standard equipment	Ambulatory infusion pump, pump holder case, elastic belt, collar strap, fabric case, 2 batteries, battery-cover opening tool, user guide.
Guarantee	Two years for manufacturing defects.



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