



CRONO 30



Ambulatory
infusion pump

PUMP DESCRIPTION

The **CRONO 30** ambulatory infusion pump is designed for the subcutaneous infusion of drugs for ferrochelation therapy.

CRONO 30 is a 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 30 uses 30 ml dedicated reservoirs.

To improve the absorption of the drugs, **CRONO 30** administers 33 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 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.

TECHNICAL CHARACTERISTICS

Pump dimensions	80 x 47 x 30 mm (3.14 x 1.85 x 1.18 in).
Weight	125 g (4.40 oz.), including 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.
Partial volume	From 1 to 30 ml in steps of 1 ml.
Delivery time	Programmable from: 1 h to 99 h in steps of 15 min.
Available priming volume	1,5 ml.
Flow rate precision	+/-2%.
Occlusion pressure	4,5 bar +/-2,0.
Shot volume	33 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	Three 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 infusion pump, infuser carry-case, elastic belt, fabric pouch, collar strap, 2 batteries (one of which is already inserted in the pump), battery-cover opening tool, user manual.
Guarantee	Two years for manufacturing defects.