

# Pulsatile ambulatory infusion pump

**C R O N O**  
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Actual size (1:1)

## DESCRIPTION OF THE PUMP

Ambulatory infusion pump for Infertility treatment.

Crono FE is an ambulatory infusion pump, expressly conceived for infertility treatment, with pulsatile subcutaneous and intravenous drug delivery.

A micro-controller permits to program volume of infusion in bolus doses, at predetermined intervals.

Information for physician and patient as to settings, remaining time until end of infusion and prior to delivery of subsequent drug dose, are displayed on the LCD pump screen.

## TECHNICAL FEATURES

Pump size	77 x 47 x 29 mm.
Weight	115 g (battery included).
Battery	CR 123A 3V Lithium battery (battery life: at least 6 months).
Syringe	Dedicated syringes 10 and 20 ml.
Administration volumes	From 1 ml to 20 ml with steps of 1 ml.
Priming	Available only at the beginning of an infusion or partial infusion. The maximum deliverable volume is 3.0 ml with 0.2 ml increments.
F-bolus dose	Automatic bolus dose is programmable from 5 to 1000 $\mu$ l in steps of 5 $\mu$ l.
Interval time between F-boluses	Programmable from 5 minutes to 300 minutes in steps of 5 minutes.
Accuracy	+/- 2%.
Max. occlusion pressure	4.0 bar +/-2.
Data storage	The selected data are automatically stored in the pump memory and they are not lost when the battery is removed.
Motor	DC coreless motor microprocessor controlled, equipped with optical encoder.
Safety circuits	To monitor the correct working of the device intervening in case of anomalies with acoustic warnings and error messages.
Display	Liquid crystal.
Anti free-flow system	To avoid a non controlled flow inside the delivery set due to the action of the force of gravity.
Keypad lock	Two levels can be set.
Equipment supplied as standard:	Device case holder, fabric case, elastic belt, support string, two batteries, user's guide.
Warranty:	Two years for any default of manufacture.