



CRONO PCA 50

PCA50 D 01/USA00 07/05

DESCRIPTION OF THE PUMP

CRONO PCA 50 is a new, innovative, ambulatory, infusion pump which has been developed to meet the need for a small, light-weight, advanced PCA pump that will increase the mobility of patients both in hospitals and in home care.

The pump is approved and very suitable for subcutaneous, intra-venous, epidural infusions and can be programmed to deliver:

1. Continuous infusion
2. Bolus dose on demand (PCA bolus)
3. Clinician bolus (administered by clinician or responsible caregiver)
4. Combinations of programming possibilities 1-3

The pump is provided with a key-pad lock-out function to avoid unauthorized reprogramming of drug administration.

The liquid crystal display (LCD) can show relevant information to caregivers and patients like programmed values, amount of drug delivered, remaining delivery time etc.

TECHNICAL FEATURES

Pump size	84.5 x 55 x 42 mm.
Weight	140 g (battery included).
Battery	CR 123A 3V Lithium battery (battery life: about 3 months/80-100 infusions).
Réservoir	50 ml dedicated with luer-lock connector.
Programmable administration volumes	From 1 ml to 50 ml with steps of 1 ml.
Prime function	Available only at the beginning of infusion. The maximum priming volume is 1.5 ml with 0.5 ml steps.
Flow rate	Programmable from 0.05 to 35 ml/h with the following steps: - from 0.05 to 10 ml/h with 0.01 ml/h steps; - from 10 to 35 ml/h with 0.05 ml/h steps. The flow rate can be programmed to 0 ml/h.
Bolus dose	Programmable from 0.10 to 9.98 ml with 0.02 ml steps. The bolus dose can be programmed to 0 ml/h.
Clinician bolus	Programmable from 0.10 to 9.98 ml with 0.02 ml steps. The function is always locked.
Interval between bolus doses	Programmable from 5' to 24 h as follows: - from 5' to 1h with steps of 5'; - from 1 h to 24 h with steps of 15'. The interval can be programmed to 0 i.e. no time interval between boluses.
Bolus limitation per hour	Programmable from 1 to 12 boluses. Bolus limitation can be programmed to 0 i.e. no bolus limitation.
Flow accuracy	+/-3% (40 mins. as period of observation).
Max. occlusion pressure	2.2 bar +/-0.5.
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.
Anti free-flow system	To avoid a non controlled drug delivery due to the action of the force of gravity.
Standard equipment supplied	Fabric holder, elastic belt, collar strap, two batteries, tool to open battery compartment, user guide.
Manufacturer's guarantee	Canè s.r.l. guarantees that this product is free from defects in materials and workmanship for a period of 2 (two) years beginning from the date of purchase.