

# CRONO S-PID



Actual size (1:1)

## ••• DESCRIPTION OF THE PUMP

**CRONO S-PID** is an ambulatory syringe pump designed for the controlled subcutaneous administration of medication in the treatment of primitive immunodeficiencies.

**CRONO S-PID** is a product of advanced technology and innovative design. Its reduced size and light weight make it ideal for home use with consequent freedom for the patient to perform daily tasks and enjoy entertainment during the infusion.

**CRONO S-PID** uses 10 and 20 ml syringes designed specifically for the pump.

For improved medication absorption **CRONO S-PID** administers 22 µl per impulse.

The advancement mechanism, which acts directly onto the rubber piston of the syringe, allows the pump to reach a high pressure combined with excellent precision in administering the medication. In the event of occlusion of the administration set, an innovative infusion control system allows administration of the infusion to be automatically continued until completion, removing the occlusion.

**CRONO S-PID** is equipped with a liquid crystal display showing the doctor and patient useful information concerning the pump's programming, function and diagnostics.

## ••• TECHNICAL CHARACTERISTICS

<b>Size</b>	77 x 48 x 29 mm.
<b>Weight</b>	116 g (battery included).
<b>Battery</b>	CR 123A 3V Lithium (approx. 6 months battery life).
<b>CRN<sup>®</sup> Syringes</b>	Dedicated 10 and 20 ml syringes with "luer-lock" universal safety attachment.
<b>Administration volumes</b>	From 1 to 20 ml.
<b>Flow rate</b>	Programmable from: - 0.2ml/h to 40ml/h (10 ml syringe); - 0.4ml/h to 40ml/h (20 ml syringe).
<b>Flow rate accuracy</b>	+/-2%.
<b>Occlusion pressure</b>	6.0 <sup>+/-2</sup> bar.
<b>Bolus released</b>	About 0.9 ml.
<b>Electronic circuit</b>	Managed by a microcontroller with dedicated firmware.
<b>Data storage</b>	Selected data is automatically stored in the memory and is not lost when the battery is removed.
<b>Display</b>	Liquid crystal.
<b>Motor</b>	Coreless direct current motor. The microcontroller manages the rotation through an infrared encoder.
<b>Keypad lock</b>	Two levels can be set.
<b>Safety circuits</b>	Control the correct operation and intervene in case of fault with acoustic signals and messages on the display.
<b>Equipment</b>	Ambulatory syringe pump, pump case, elastic belt, collar strap, fabric case, 2 batteries, accessory to open the battery compartment door, user's guide.
<b>Warranty</b>	Two years against manufacturing defects.



Produced by:

CANÈ S.p.A. Medical Technology Via Cuorgnè 42/a 10098 Rivoli (TO) Italy Tel.+39 011 9574872 - Fax +39 011 9598880  
www.canespa.it E-mail: mailbox@canespa.it