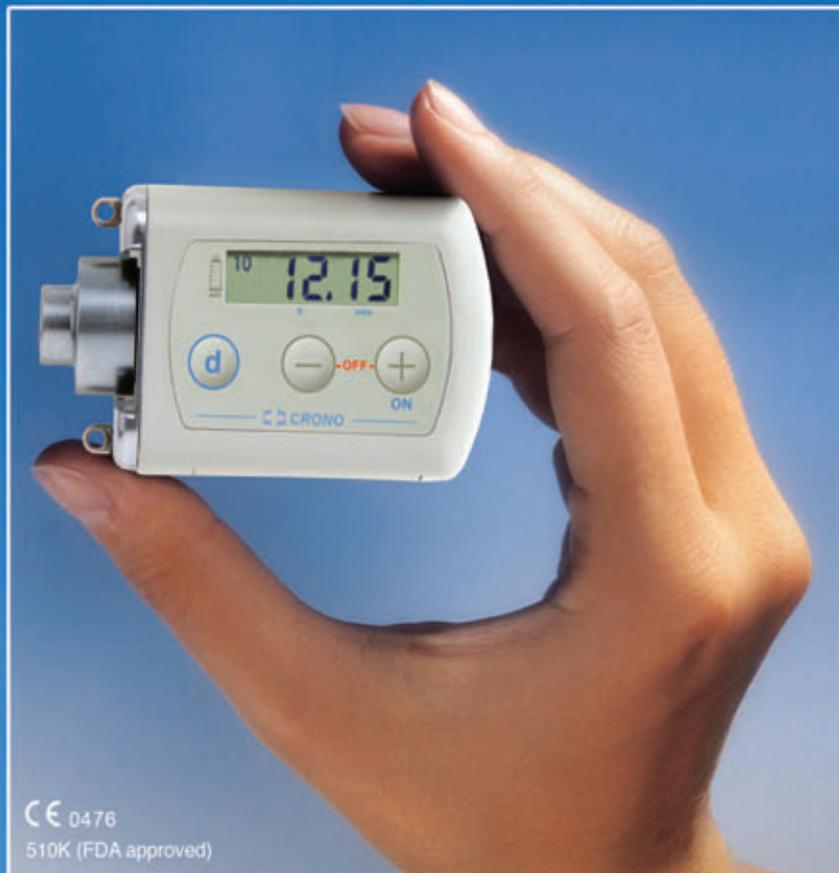


# Microjet Crono®

*Ambulatory Infusion pump for Thalassaemia*



CE 0476  
510K (FDA approved)

***Small size, great solutions***



**CANE**  
MEDICAL TECHNOLOGY  
[WWW.CANESPA.IT](http://WWW.CANESPA.IT)

CANÈ S.p.A. Medical Technology Via Cuornè, 42/a 10098 Rivoli (Turin) Italy  
Tel. +39.011.9574872 - Fax +39.011.9598880 - [www.canespa.it](http://www.canespa.it) - [mailbox@canespa.it](mailto:mailbox@canespa.it)

## PUMP DESCRIPTION

CANÈ S.p.A. - a company specialized in the production of ambulatory pumps since 1972 - has developed a new generation of compact pumps: **Crono** which is a perfect combination of high technology and innovative design.

Infusion pumps using normal commercial syringes are bulky and cumbersome and thus difficult to use in the true sense of "ambulatory". This can have a negative impact on patient compliance and treatment goals.

A special syringe, an integral part of **Crono**, provides an efficient reduction of overall pump size. Whether day or night infusion is required, **Crono** offers more conveniences and advantages than other bulkier, heavier pumps.

Patients who have been following subcutaneous infusion therapy for a long time often experience difficulties in absorbing the drug subcutaneously. This may lead to catheter occlusion with infusion interruption.

**Crono** has a unique mechanism which responds to occlusion and provides an infusion thrust up to three times higher than conventional pumps. Normal infusion is resumed when catheter occlusion has been eliminated.

In order to provide steady infusion and continuous drug absorption, **Crono** infuses the fluid volume to be administered in pulses of 22 µl. These pulses are spread evenly over the time set for completing the infusion.

## TECHNICAL FEATURES

<b>Dimensions</b>	77 x 48 x 29 mm (3 x 1.9 x 1.1 inch).
<b>Weight</b>	115 g (battery included).
<b>Battery</b>	CR 123A 3 Volt lithium battery (battery life: about 6 months).
<b>Syringes</b>	Dedicated 10 and 20 ml capacity with luer lock connector.
<b>Volume administration</b>	Drug volume can be programmed from 1 to 20 ml.
<b>Delivery time</b>	Programmable from 30' to 99 hours, in 15 minutes steps.
<b>Accuracy</b>	+/- 2%
<b>Available occlusion pressure</b>	About 3.500 mmHg (4,5 bar).
<b>Data storage</b>	Programmable data are automatically stored in the pump's memory; the data are not lost when the battery is removed.
<b>Electric circuits</b>	Electric circuits managed by a microcontroller equipped with a dedicated software.
<b>Safety circuits</b>	To control the regular working of the device, alarming in the event of anomaly and displaying error message.
<b>Display</b>	LCD
<b>Motor</b>	Direct current coreless motor. The microcontroller manages the rotation through infrared encoder.
<b>Key lock</b>	Three levels can be set.
<b>Equipment supplied as standard</b>	Device case holder, fabric case, elastic belt, support string, two batteries, user's guide.
<b>Warranty</b>	Two years for any default of manufacture.

Manufactured by: **CANÈ S.p.A. Medical Technology**

Via Cuornè 42/a Rivoli (TO) Italy Tel.+39 011 9574872 Fax +39 0119598880  
[www.canespa.it](http://www.canespa.it) [mailbox@canespa.it](mailto:mailbox@canespa.it)