LINEUP COOPDECH Syrinjector COOPDECH Balloonjector

PCA set (Mono flow type)

Contents: PCA set/Slide clamp/Stand/Carrying bag/Name lavel/Measuring strap(Balloonjector only)/Introduction for use
Quantity(set):10

Pump	Capacity (mL)	Mono-flow Flow Rate (mL/h)	PCA BolusVolume (mL)	PCA FillingTime (min)	Product Number
Syrinjector	120	1.0	1.0	10	ISJ12-E10-IP1-E1012-EU
				20	ISJ12-E10-IP1-E2012-EU
		2.0	1.0	30	ISJ12-E20-IP1-E3012-EU
		4.0	1.0	20	ISJ12-E40-IP1-E2012-EU
Balloonjector	200	2.0	3.0	30	CIE20-20-IP3-E3020-EU
		5.0	3.0	30	CIE30-50-IP3-E3030-EU
	300	3.0	3.0	30	CIE30-30-IP3-E3030-EU

PCA set (Flow selector type)

Contents: PCA set/Slide clamp/Stand/Carrying bag/Name lavel/Measuring strap(Balloonjector only)/Introduction for use
Quantity(set):10

Pump	Capacity (mL)	Flow-selector Flow Rate (mL/h)			PCA BolusVolume (mL)	PCA FillingTime (min)	Product Number
		A	B	A+B			
Balloonjector	200	2.0	4.0	6.0	3.0	30	CIE20-2040-IP3-E3020-EU
	300	3.0	5.0	8.0	3.0	30	CIE30-3050-IP3-E3030-EU

- Be sure to read through the “Instruction for use” before use.
- Please note that specifications and outward appearance may change without notice for enhancement purposes.

Pioneering the future of medical society
DAIKEN MEDICAL CO., LTD.
International Department: 2-6-2, Ayumino, Izumi-city,
Osaka, 594-1157, Japan

COOPDECH's product information is available at the corporate website.
http://www.daiken-iki.co.jp/

[Agency]

2020.12
Contents of this catalog are as of December 2020.
(2012B)

COOPDECH

COOPDECH Syrinjector

60mL/Premium 120mL (Disposable Infusion Pump) Latex Free

COOPDECH Balloonjector

200/300 (Disposable Infusion Pump) Latex Free

DAIKEN MEDICAL CO., LTD.

CE 0197

All products are designed and manufactured by DAIKEN MEDICAL CO., LTD.

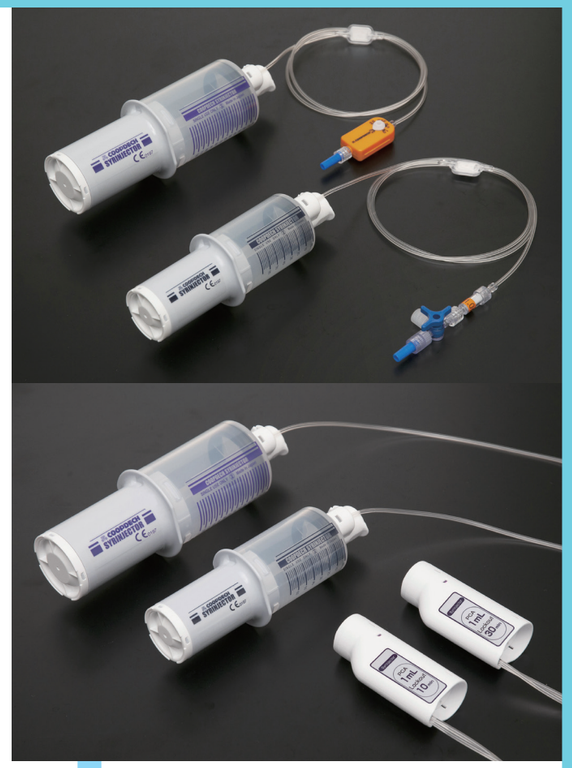
Made in Japan

COOPDECH Syrinjector

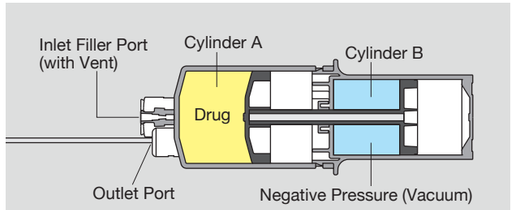
60mL/Premium 120mL (Disposable Infusion Pump) Latex Free

Syringe-type infusion pump using atmospheric pressure has achieved a stable flow rate.

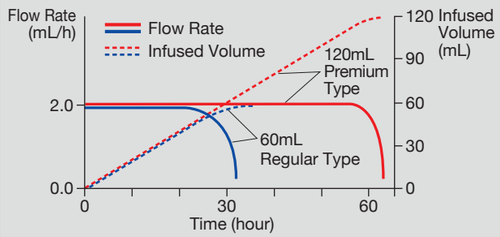
- COOPDECH Syrinjector infusion pump uses atmospheric pressure to maintain a stable flow rate.
- A visible scale allows you to accurately confirm remaining volume.
- Improved infusion port cap enables easy opening and closing.
- 60mL and 120mL pumps available, they can be used for various purposes.



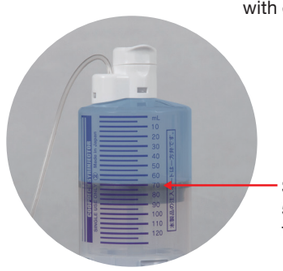
The set flow rate is achived by using a vacuum, or negative pressure.



[Flow Rate]
Infusion Consistency and Infused Volume
(Syrinjector priming speed 2mL/h)



Cap for the infusion port with easy opening/closing



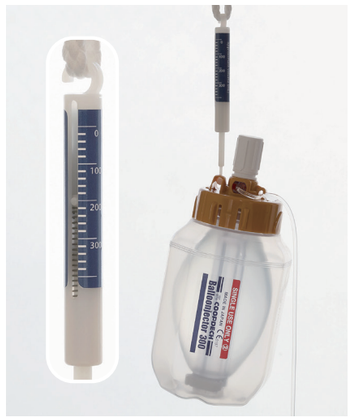
Scales are marked in units of 5mL for 120mL type and 2mL for 60mL.

COOPDECH Balloonjector

200/300 (Disposable Infusion Pump) Latex Free

A large capacity balloon type achieves stable flow characteristics.

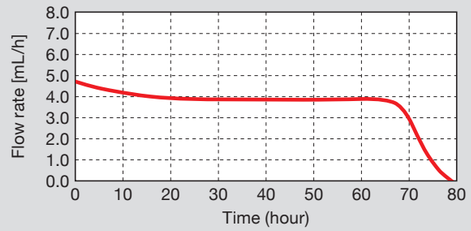
- Flow rates from 2.0mL/h to 8.0mL/h is available.
- Measuring Strap is available to view remaining volume of drug solution.
- 200mL and 300mL capacities are available



Measuring strap

The volume of residual drug solutions can be measured by simply hooking Balloonjector main body onto the measuring strap.

Flow rate diagram of COOPDECH Balloonjector



[Test condition]
Saline solution is infused to CIA30-2040(4mL/h) at room temperature of 23°C

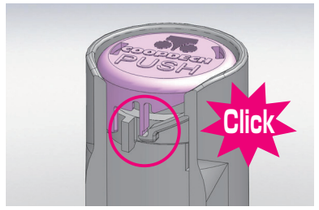
COOPDECH Syringector
COOPDECH Balloonjector PCA Device

Pain control can be operated easily.

- The device is aimed at reducing the load by PCA device with an easy to press button.
- The structure prevents administration of drug solution during the lock-out time.

Light and easy to press infusion button with a clicking sensation.

Moderate force is required to press the button that opens the valve. There is no need for strong force to press in.



The plastic spring structure makes a clicking sound when the button is pressed.

Two color-coded types of PCA doses.

The PCA device has two types of 1mL and 3mL. They can be used for various purposes including IV-PCA and epidural PCA.

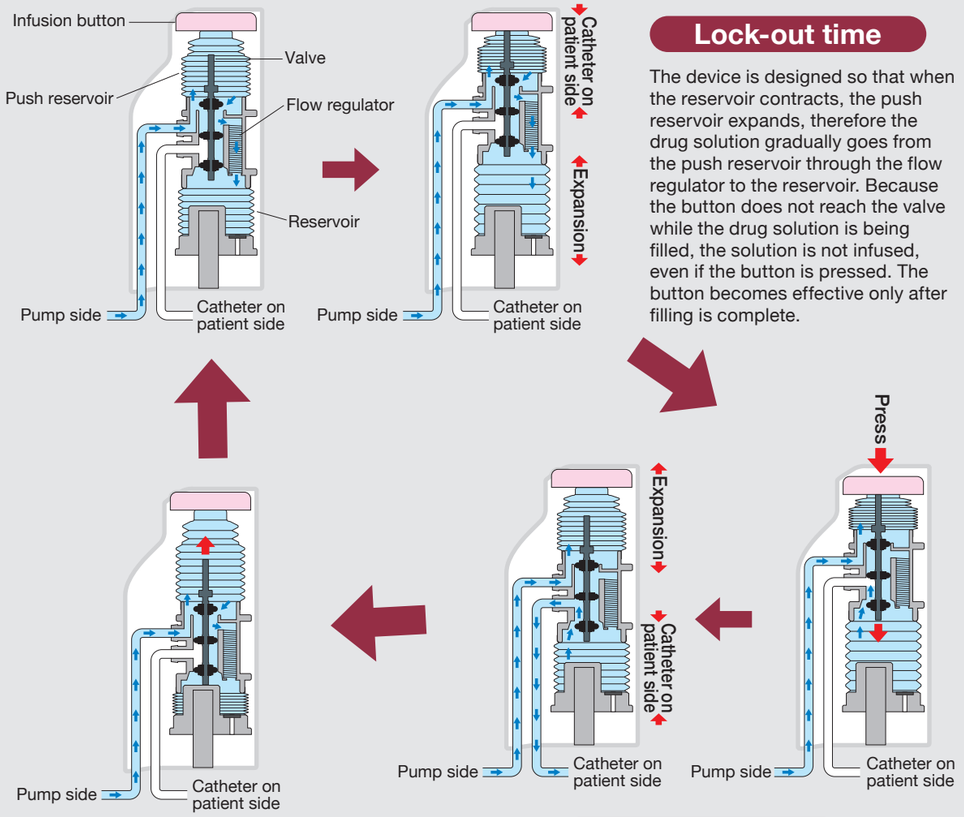
Easy priming is enabled.

The PCA device can be easily primed by setting it upside-down on the accessory stand.

Integrated PCA set to prevent misconnection.

The PCA set comes ready to use and requires no assembly. Furthermore, the infusion port is equipped with an anti-needle valve to prevent drug solutions from extraction by any thin rods such as injection needles.

During the lock-out time, the drug solution is not infused, even if the button is pressed.*



Lock-out time

The device is designed so that when the reservoir contracts, the push reservoir expands, therefore the drug solution gradually goes from the push reservoir through the flow regulator to the reservoir. Because the button does not reach the valve while the drug solution is being filled, the solution is not infused, even if the button is pressed. The button becomes effective only after filling is complete.

End of infusion

Immediately before the end of infusion, the valve reaches the bottom and is pushed up, closing the flow channel between the reservoir and catheter on the patient side.

Start of infusion

The valve slides when the button is pressed, the pump and catheter on the patient side is connected, and the drug solution in the reservoir is pushed to catheter on the patient side.

* Pressing the infusion button just before the set lock-out time may cause a small infusion of drug solution, resulting in a prolonged lock-out time.
* Lock-out time may change depending on factors such as the pump pressure, environmental temperature, type of medicine and channel.

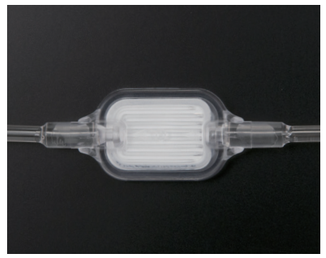
PARTS COOPDECH Syrinjector COOPDECH Balloonjector

Necessary functions are integrated into each part.

Flow rate can be selected from flow selector type with a flow rate switchover function and simple mono flow type.
Priming is also simplified by using a priming cap.

Priming cap

Priming cap with a built-in hydrophobic filter is installed at the tip of the line connector. Priming can be easily done without using tools such as clamps.

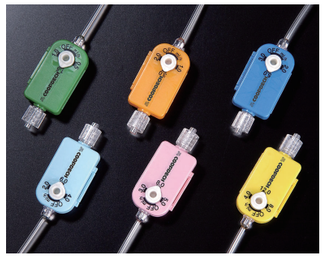


Air-vent Filter

It effectively removes not only the air that has escaped, but also bubbles and minute particles that appear in the drug solution with a rise in temperature.

Mono flow type

Mono flow type for single flow rate employs a spiral tubule with flow rate precision and reduced blockage. The pump set comes with a 3-way stopcock useful for bolus administration.



Flow selector type

The flow selector type with a flow rate switchover function features two built-in spiral tubules (flow rate control tubules), allowing selection of three types of flow rate to suit different situations.

IQ Valve

The pump set employs an IQ valve with a two-way check valve that facilitates the addition and removal of drug solutions. Drug solutions never reflux during filling, and no liquid leaks out during syringe removal. The force with which a drug solution is added has been reduced as well.

LINEUP COOPDECH Syrinjector COOPDECH Balloonjector

Pump set (Mono flow type)

Contents: Pump set/Carrying bag/Name lavel/Measuring strap(Balloonjector only)/Introduction for use
Quantity(set):10

Pump	Capacity (mL)	Mono-flow Flow Rate (mL/h)	Product Number
Syrinjector	60	1.0	ISJ6-10-EU
		2.0	ISJ6-20-EU
	120	1.0	ISJ12-10-EU
		2.0	ISJ12-20-EU
		3.0	ISJ12-30-EU
		4.0	ISJ12-40-EU
		5.0	ISJ12-50-EU

Pump set (Flow selector type)

Contents: Pump set/Carrying bag/Name lavel/Measuring strap(Balloonjector only)/Introduction for use
Quantity(set):10

Pump	Capacity (mL)	Flow-selector Flow Rate (mL/h)			Product Number
		A	B	A+B	
Syrinjector	60	0.5	1.0	1.5	ISJ6-0510-EU
		1.0	2.0	3.0	ISJ6-1020-EU
		4.0	8.0	12.0	ISJ6-4080-EU
	120	0.5	1.0	1.5	ISJ12-P0510-EU
		1.0	2.0	3.0	ISJ12-P1020-EU
		2.0	3.0	5.0	ISJ12-P2030-EU
		2.0	4.0	6.0	ISJ12-P2040-EU
		4.0	8.0	12.0	ISJ12-P4080-EU
Balloonjector	200	2.0	3.0	5.0	CIA20-2030-EU
		2.0	4.0	6.0	CIA20-2040-EU
	300	2.0	4.0	6.0	CIA30-2040-EU
		3.0	5.0	8.0	CIA30-3050-EU