



## Disposable infusion pump

### **I 、 Product's character and usage:**

This medical device is for clinical ease-pain treatment, relieve or lenitive pain.

It uses the flexibility of the silicon reservoir to allow for a constant minimal drop control through the capillary catheter, in order to guarantee a safe efficient continuous ease-pain infusion.

### **II 、 Apply scope:**

This product is used for continuous minimal infusion during clinical treatment.

### **III 、 Use instruction:**

1. Take out the infusion pump from the sterile package.
2. Remove the cap from the add-medicine inlet, clip the stopper closed, infuse the prepared medicine by syringe into the liquid bursa stocker.
3. When adding medicine, please make sure there is no air in syringe, then infuse the medicine. If there is air in bursa, you can turn round and take out all the air (as the bursa can exhaust itself. If there is few air, it can exclude after 1~2 hours later.)
4. After medicine has been added, open the clip, and press the self-control button (PCA) 1~2 times, for expedite the flow into the pipeline. When the medicine flows from the end, clip the stopper and screw the cover for use next time.
5. The PCA button is the function button that the patient can use to control the additional medicine when in continuous medicine infusion position. By pressing the PCA button, the patient can add a limited quantity of medicine in respect with doctor's instruction, as he needs.
6. The flux will be a little faster (within the standard scope) during the 1~2 first hours of use. That is due to the physical characteristic of the silicone bursa.
7. The Standard flow and infusion time has been established for: distilled water as medium, inside job temperature as the standard temperature. The different medicine density, medicine viscosity, operation temperature and the bursa place etc... will effect the flow in a range of around 10% differences.

#### IV、 Specific and type:

SZB-CX	Nominal volume (ml)	100、 150、 200、 275
SZB-CZ	Nominal flow rate (ml/hr)	2、 3、 4、 5、 8、 10
Illuminate	Bolus means (ml/every time)	0.5
CX—continuance infusion (CBI)	Lock-out time (min)	15
CZ—continuance + self-control infusion  (CBI+PCA)	Effective infusion dose	> 90%

#### V、 Construction:

The device is composed of: single valve add-medicine set, elasticity bursa stocker set, medicine liquid filter, bounds flux set, self-control infusion (it could be without), pipeline and conical connectors etc.

#### VI、 Caution:

- 1 – This device has been sterilized by Ethylene Oxide, residual EO is  $\leq 10$  ppm.
- 2 – Check for package integrity before opening. Do not use if package is damaged.
- 3 – All components are sterile, non-toxic, non-pyrogenic.
- 4 – For single use only, discard after use.
- 5 – Please remove the yellow card on the PCA button before use.
- 6 – Read all instructions before use for patient safety.
- 7 – Start by infusing the physiological brine that will be needed for dilution of the medicine, then add the medicine, this precaution will avoid un-diluted medicine to flow into the pump line.
- 8 – Infuse the prescribed dosage of the product, over infusion would effect the result of the cure.
- 9 – Store in dry place at room temperature, protect from moisture and light.

