



Like smart phones ~
Change into the
smart generation!

Wireless painless anesthesia system

SMART JECT

KMG
KuMyung Global

One minute fear, but I felt that it were the longest fear!

A lot of patients want to receive medical treatment in a hospital where painless anesthesia injectors are used.



It is very speedy like a dental syringe,
the amount of injection is uniform like a painless anesthesia injector,
and doctors can use it easily like touching a smart phone!

From now on, enjoy using the convenient **SMART JECT**
for anesthesia which has been inconvenient up to now.

15-year knowhow on the computer-based painless anesthesia system NO-PAIN III! SMART JECT can be easily and conveniently used like a smart phone.

- A patient can get rid of the fear about injection,
- As it is automatically injected, it can reduce pain, inject a required amount of anesthetic correctly, and it works very fast.
- Even a female doctor can easily use it for PDL anesthesia like touching a smart phone.
- For the convenience of a medical practitioner, it can be easily used with the one-touch method and the anesthetic acts very fast.
- As it is wireless, it is very convenient and the voice comment of painless anesthesia makes a patient stabilized.
- As it is both hardwired and wireless, you can conveniently charge it.

We have adopted a slow-flow micro-computer control method

As SMARTJECT can be manually or automatically controlled by the slow-flow micro-computer control method (micro processor) regardless of the part which will undergo a medical procedure, a medical practitioner can comfortably employ a medical procedure without any stress related to anesthesia and a patient can get rid of the fear about pain.

15-year knowhow on NO-PAINIII!

All the functions of painless anesthesia injectors are very convenient like a smart phone



Speed control button

LCD Display Panel

③ Power(on/off)
④ Mode setting

Voice support

It can adjust the **speed of injection from 0 to 9** by using the pressure sensor switch.

SMARTJECT is equipped with a pressure sensor at the motor. So, it can sense external pressure. If the pressure is excessive, injection is stopped temporarily and renewed so that anesthetic can slowly permeate. In this way, injection is automatically controlled.

ASPIRATION Function

A variety of spectrum **such as amount and duration of injection**

It is possible to set anesthetic at 1/16, 1/8, 1/4, 1/2, and full (1.8ml).

It is possible to adjust injection time from minimum 25seconds up to maximum 4minutes 45seconds.

Selection of 5 injection modes

For details, refer to the instruction manual or visit our homepage (www.km01.co.kr).

- M1: Infiltration anesthesia function (It is possible to select the low speed or the high speed just with one touch.)
① Low speed, ② High speed, If you press ① ② at the same time, the ampoule flange is initialized.
- M2: Automatic speed control device (If you press it for a short time, it injects slowly. If you press it for a long time, it injects fast.)
① If you press it for a short time, it injects slowly. ① If you press it for a long time, it injects fast. ② Backward movement.
- M3: Dental syringe function (It can control the speed from 1 to 9. Forward and backward movement and aspiration are also possible.
① Speed control just by a fingertip ② Backward movement.
- M4: Pressure sensor operation mode.
- M5: 1~9 stages speed control function.

Instructions on switches

Power(on/off): If you press ③ for a long time / If you press ③ for a short time, you can adjust the amount of ampoules[1/16, 1/8, 1/4, 1/2, Full(1.8ml)].

Mode setting: If you press ④ for a long time / If you press ④ for a short time, you can change the modes (M1, M2, M3, M4, and M5).

Ampoule flange initialization: Press both ① and ② at the same time for 2 seconds.

Use of battery and hardwired jack (Both wired and wireless)

Voice support

You can check the injected amount of anesthesia with the voice comment and the sound of ding-ding(dripping) from the painless anesthesia injector.

We put top priority on consideration for patients and convenience of doctors. **SMART JECT**

SMARTJECT is a computer-controlled automatic anesthesia system developed on the basis of the 15-year knowhow of the computer-based painless anesthesia system NO-PAINIII in order to bring out the merit of the dental syringe (fast injection and convenience) and make up for the demerit that patients have a fear about anesthesia and pain.

In short, it is a computer-controlled automatic anesthesia system which includes all the functions of NO-PAIN III such as painless anesthesia voice comment, automatic injection amount adjustment, aspiration, and automatic speed control function.

15-year knowhow!
Evolution into wireless painless
anesthesia system



From now on,
I would like to live in a place
where there is no wire....

SMART JECT

Wireless painless anesthesia system!

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