

KMG, KOREA

COMPUTER CONTROLLED NO PAIN III - WAND
LOCAL ANESTHETIC DELIVERY SYSTEM



The Principal

Three factors causing pain in the process of anesthesia are the temperature of lidocaine, the injecting pressure of anesthetic and the gage of needles. NO PAIN releases pain caused by anesthesia with even injecting pressure. Instead of existing dental syringe method, which is performed by the power of a hand, NO PAIN, an electric motion injector, offers mechanized method to inject by a strong motor moving up and down. After putting lidocaine in hand-piece and applying it into the cartridge of the main body, an operator can inject anesthetic by the movement of ample rod.

Features

- Minimized injecting pain without any changes of pressure or hand shaking.
- The speed and effect of anesthesia is optimized by safe and low speed injecting of small amount.
- Micro needle provides no pain during the injection.
- The equipment operates by one-hitting of foot switches. Therefore there is no need of strong and tired grip.
- The equipment works most effectively for injecting inter-dental mastoid, infiltration anesthesia and periodontium anesthesia.
- The injector is easy to use because of its light and compact pen-shaped appearance.
- The injecting needle optimizes the process of injecting inter-dental mastoid, infiltration anesthesia and periodontium anesthesia.

NO-PAIN

* No-Pain reduces fear&anesthesia pain for patient.

* It's possible to rotate the hand-piece and fix the amount of injection.

- **Controlled by micro computer**
You can reduce a pain of the patient by slowly injection of hand control.
The hand control will be applied differently patient by patient.
Patients will feel comfortable with computer controlled system regardless of applied area.
- **Reduces pain during injection of needle**
Using existing dental syringe is difficult to decrease the pain because of the needle bulk.
NO-PAIN uses small light needle so it can operate in wide range of vision and precise treatment.

The AMSA and P-ASA are injection procedures that deliver infiltration anesthesia of abdominal dropsy. But the NO-PAIN does not affect lips, faces and muscles making expression at all. After the anesthesia is used there are no adverse pain reactions.

Advantages

- Rotate hanpidece to fix delivery amount
- Reduces the stress caused by pain for patients
- Precise operation with ultra light handpiece
- Simple control&convenience
- Quick effect with small amount
- NO-PAIN is possible in all local anesthesia
- Small size needle reduces pressure of the gum tissue

Specification

- Voltage : AC 220V, 50/60Hz
- Power consumption : 55VA
- Quantity : 1SET
- Weight : approximately 10Kg
- Dimension : 400mm x 300mm x 210mm

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