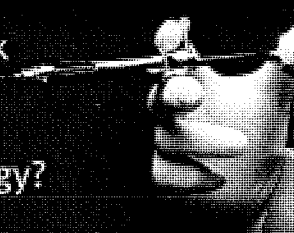


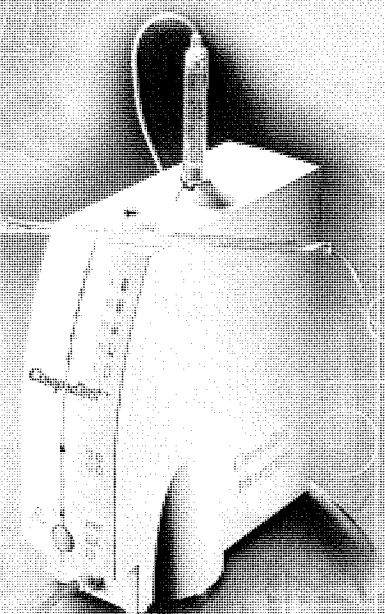
Why stick  
with old  
technology?



# Injections are now easier to give.

*CompuDent*

computer-controlled local  
anesthetic delivery system



featuring the **Wand**<sup>®</sup>,  
the revolutionary,  
ergonomically-designed  
handpiece

CROWN/VENEER

RESTORATION

SCALING/ROOT PLANING

EXTRACTION

ROOT CANAL THERAPY

MILESTONE  
SCIENTIFIC

# CompuDent™

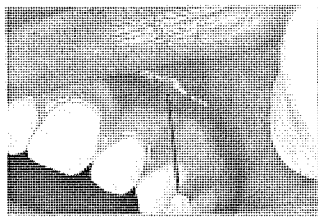
## Easier to use than a syringe.

### *Easier to handle*

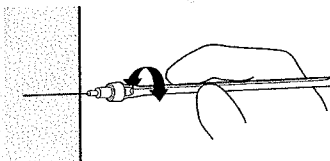
With the microprocessor-controlled CompuDent delivery system and its unique Wand® handpiece, giving local anesthetic injections of all types has never been easier. Holding the Wand in a pen-like grasp gives you unparalleled tactile feel and control without the muscle fatigue that occurs with a traditional syringe. Because less penetration force is required, needle advancement is almost effortless. And because the flow rate of the anesthetic is controlled by a microprocessor instead of the pressure of your thumb, it is more precise. The Wand can make giving an injection one of the easiest tasks in your busy day.

### *Easier to anesthetize*

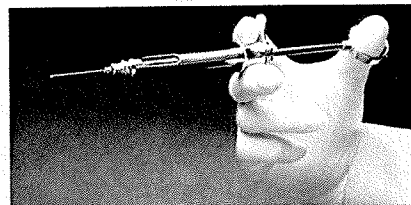
Think of the palm-thumb grasp and pressing movement required to inject with a traditional syringe. Then picture the precise movements you can make when holding a pen – to write, to draw. No wonder the Wand enables such accuracy. The pen-like grasp allows bi-directional rotation during injection, which prevents needle deflection that can occur with a traditional syringe<sup>1</sup>. A straighter path results in a more accurate injection, meaning fewer missed blocks, and a more rapid onset of anesthesia.



*As the needle is inserted, anesthetic is delivered through foot control activation.*



*The back and forth 180° bi-directional rotation continually changes the needle bevel position and defeats needle deflection, allowing the needle to track straight to the target.*



*With a traditional syringe, the static position of the needle relative to the beveled end can cause deflection. A missed block or delayed onset can result.*



*Since the Wand is held like a pen, it can easily be rotated back and forth which continually changes the needle bevel position. This defeats needle deflection, allowing the needle to track straight to the target site.*

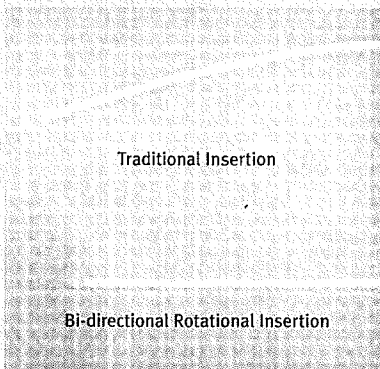


## *Easier on your hands*

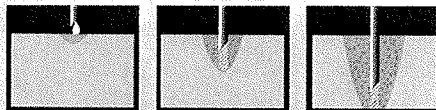
The Wand's unique pen-like grasp is also more comfortable for you, ergonomically designed to reduce muscle fatigue in your hand compared with a traditional syringe. This is because the force required to deliver anesthetic solution into tissue is virtually eliminated, even into the dense tissue of the palate. Using the Wand also puts less stress on the rest of your body. Less fatigue lets you be more productive and feel better at the end of the day.

## *Easier on your patients, so they're easier on you*

Many patients believe that needle insertion is what causes discomfort during an injection, when in fact most of the pain is caused by the flow of the anesthetic. The CompuDent™ controlled flow rate results in an injection experience that has proven to be two to three times more comfortable than with a traditional syringe<sup>2</sup>. This makes the dental experience more positive for the patient, which is less stressful for you and your staff. And providing gentler dentistry can help give your practice a competitive edge. Happier, less anxious patients are more likely to provide referrals than patients who are fearful.



*Needle deflection of traditional techniques vs. new, bi-directional rotation insertion. Reduced needle deflection means greater accuracy.*



*CompuDent's precise flow rate develops an anesthetic pathway, allowing a more controlled penetration of the needle through tissue.*

## All procedures made easy

With the CompuDent system, all injections, even palatals, become more comfortable, predictable, and controllable. You can easily perform these injection types:

- anterior middle superior alveolar block (AMSA)
- palatal anterior superior alveolar block (P-ASA)
- periodontal ligament injection (PDL)
- inferior alveolar block
- suprapariosteal infiltration

1. Hochman M, Friedman M. In vitro study of needle deflection: A linear insertion technique versus a bi-directional rotation insertion technique. *Quintessence Int* 2000;31(1):33-39.
2. Murphy, DC, ed. *Ergonomics and the Dental Care Worker*, p. 181. Washington DC: American Public Health Association; 1998.

The  
CompuDent  
System.  
It's just easier.