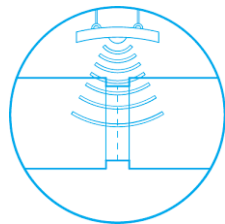




# Dent-35...

... ultrasonic equipment for increasing the life of the teeth with filled root canals



Only around 10% of teeth roots does not have any lateral and/or micro canals

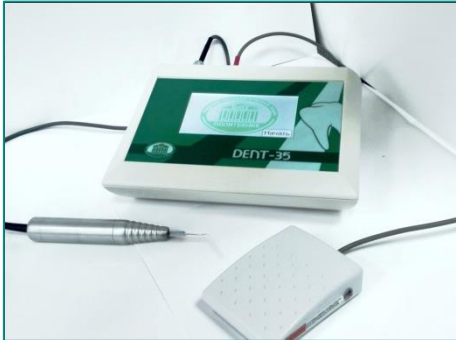


This is a snapshot of the Amazon delta from the Space. Very often, an identical picture can be seen if we consider the tip of the root under a microscope - a set of small canals that extend from the main one. Many areas are completely inaccessible for sealing by existing methods

**!!! A poorly filled canal is a perfect environment for the microorganisms to reproduce and it may lead to the inflammatory complications and eventually to a loss of a tooth**

# DENT-35

Unique technology and equipment DENT-35 allows to fill tooth canals (up to 2 micron) with pinpoint accuracy due to the specially calibrated combination of ultrasonic longitudinal and transverse waves



- Filling the root canal of the tooth, lateral and small additional canals (up to 2 micron)
- Removal of the excess air inside the canal
- Improvement of physical and chemical properties of filling materials when exposed to low-frequency ultrasonic waves (uniform mixing - homogeneous structure).
- Penetration of the filling material at the molecular level into the structure of the root walls, which ensures an absolute sealing of the coalescence.
- Know-how is a flexible waveguide, its full penetration into the root canals of any shape and depth is ensured and, accordingly, the maximum filling of the channel with the filling material, improving the penetration of the material into the structure of the walls of the canal.
- Used with any sealer

# Know-how flexible waveguide

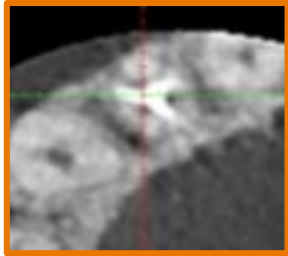
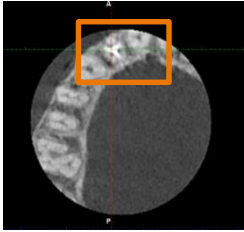


- **3 sizes of endodontic nozzle**
- **The period of action - 15-30 seconds**
- **Corrosion-resistant**
- **Resistance to the disinfection, pre-cleaning and sterilization**

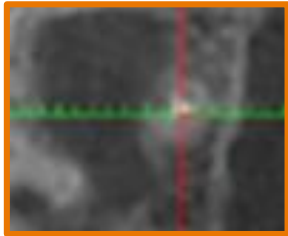
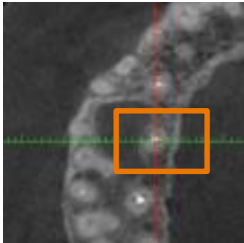
For the production of flexible ultrasonic endodontic tips, a fundamentally new technology has been developed that ensures the formation of conical surfaces of small diameter (up to 0.2 mm) while maintaining high acoustic and mechanical characteristics of the initial billet.

The technology provides high productivity and is environmentally safe in comparison with traditional methods of obtaining similar products.

# Technology Comparison



◀ Dental canals sealed using ultrasound method: white "star" - transverse section of the tooth canal, confirming 100% filling of the main and lateral canals by the sealer



◀ Dental canals sealed with the traditional method: white "dot" - filling material filled only the main canal; lateral and additional canals remained open and unsealed



Your teeth  
are your  
diamonds!

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