

EDDY™

Sonic Powered Endo Irrigation







Naturally fascinating: gentle, yet powerful

In our goal to provide easy and safe products and systems for endodontics which fulfil the highest standards, we have developed a unique, sonic powered endodontic irrigation tip made of polyamide:

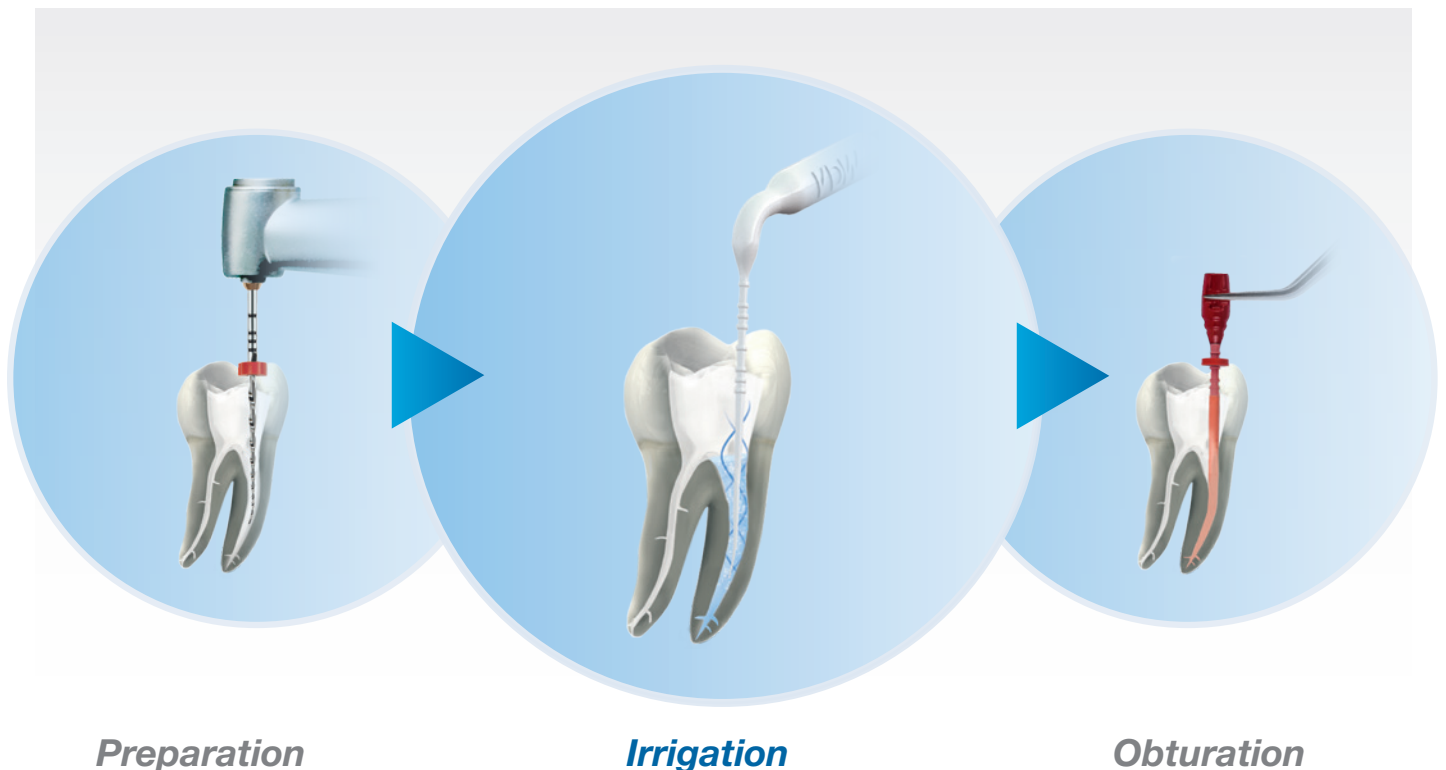
EDDY™, an innovative irrigation tip which achieves maximum results with minimum effort.

The sonic activation of irrigation solutions with EDDY™ allows particularly efficient irrigation of complex root canal systems without the limitations of ultrasound activated irrigation (piezo ultrasound technology). As the tip is made of flexible polyamide, it is gentle on dentine, easy to use and cost effective.

EDDY™, the ideal addition to the endodontic workflow. Highly efficient and safe to use.

The better the irrigation, the more successful the endodontic treatment

Thorough cleaning of the whole root canal system considerably increases the probability of a long-term, successful endodontic treatment. Studies prove that sonic activation of antibacterial irrigants such as NaOCl and EDTA increases their effectiveness and is more efficient than simply introducing irrigant with an irrigating cannula.



Sonic activated irrigation with EDDY™ enables highly effective cleaning of the complete root canal system. Residual tissue and dentine chips are reliably removed from the root canal walls – even in complex root canal anatomies when insertion of the irrigating cannula is limited due to the geometry of the root canal.

EDDY™ enables optimized irrigation results. It is the safe and easy way to considerably improve the probability of a successful root canal treatment.

Powerful irrigation with high frequency oscillation

Simply powerful at
5000 - 6000 Hz

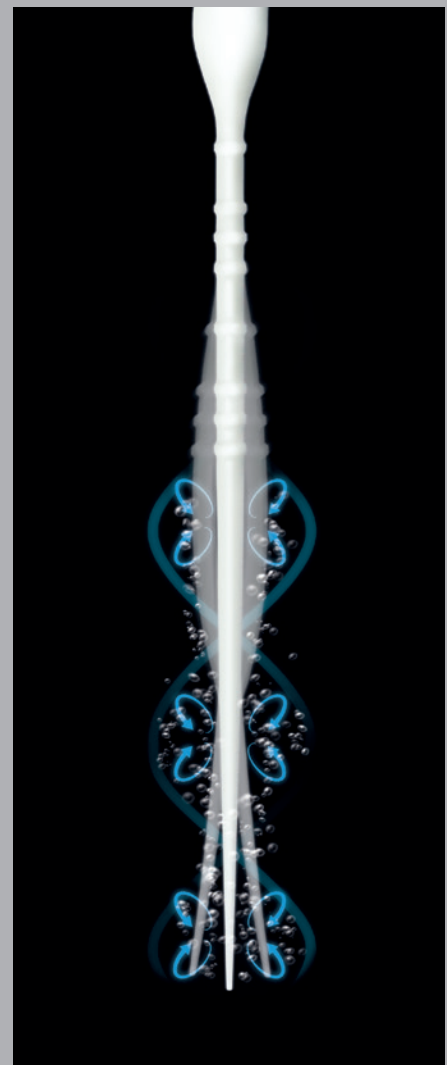
EDDY™ is driven at a frequency of 5000 to 6000 Hz by an air-driven handpiece (Airscaler). The high frequency vibration produced is transferred to the polyamide tip which, thanks to the special qualities of the material, is moved in an oscillating movement at high amplitude. This three-dimensional movement triggers “cavitation” and “acoustic streaming” – two physical effects which up until now have only been known to be caused by passive ultrasonic irrigation (PUI) and which have been attributed with the strong cleaning effect on canal walls.

Cavitation

Due to the fast movement of the irrigating tip in the irrigant small gas bubbles form and then implode. The energy released intensifies the cleaning effect of the irrigant.

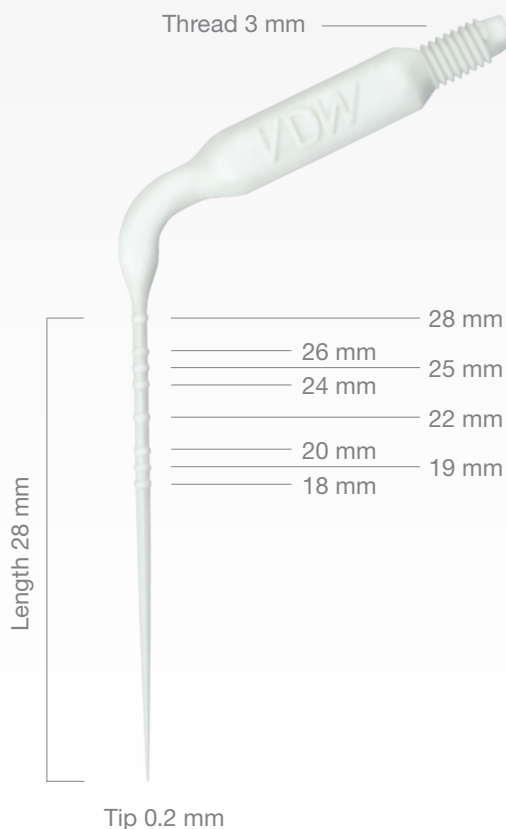
Acoustic Streaming

High frequency acoustic oscillation creates swirling eddies in the irrigant which strengthens the cleaning effect on the canal walls.



Simply practical for the perfect workflow

EDDY™ can be easily integrated into the daily office workflow. EDDY™ irrigation tips are sterile packed, single-use products. There is no need to document how often they are used, endodontic workflow and office management are straightforward and relaxed.



Min. preparation size: ISO 25, taper .06



Using EDDY™ is easy, time-saving and cost-saving. Simply screw the sterile irrigation tip into the Airscaler, connect the handpiece to the dental turbine and you're ready to start!



Airscalers compatible with EDDY™:

W&H ZA-55, NSK TI-Max S970, KaVo SONICflex 2003.
For further information on Airscalers compatible with EDDY™, please visit www.vdw-dental.com.

■ EDDY™

- 5 blister packs of 2 Irrigation Tips, sterile

REF _____ 1441 000 000



■ EDDY™ Starter Kit

- 1 W&H Airscaler Handpiece, Type Proxeo ZA-55-LM with light and power setting
- 20 blister packs of 2 EDDY™ Irrigation Tips, sterile

REF _____ 1443 000 000



EDDY™

Safe and forgiving handling

- Low risk of fatigue fracture of the tip
- Polyamide tip is gentle on dentine

High cleaning efficiency

- Thorough cleaning of isthmi and lateral canals, even in strongly curved canals and complex root canal anatomies
- Effective acoustic streaming and cavitation thanks to the three-dimensional, high amplitude oscillation of the tip
- Reliable removal of debris and residual tissue

Simple Workflow

- Just one instrument size for all canal anatomies
- Sterile packed, single-use product, no documentation of use necessary
- Time-saving compared to using irrigation cannula alone

Ready to use

- No additional equipment necessary with existing Airscaler
- Simple to use, no training necessary
- Cost-effective
- Supports application of sealer and calcium hydroxide as well as the removal of calcium hydroxide



EDDY™

Sonic Powered Endo Irrigation

For further information on EDDY™
please contact your preferred distributor or visit
www.vdw-dental.com/EDDY.

VDW GmbH

Bayerwaldstr. 15 • 81737 Munich • Germany
Tel. +49 89 62734-0 • Fax +49 89 62734-304
www.vdw-dental.com • info@vdw-dental.com