



## Ultrasonic Piezo Tips

**E-Threads:** See chart on back for compatible units



EC REP

**Authorized European Representative:**

**Regulatory Affairs ONLY:**  
European Device Solutions  
33, Stapleford Road,  
Middlesbrough, Cleveland,  
United Kingdom.  
Contact E-Mail: TQMUK@aol.com



Caution, Consult  
Instructions for Use  
**NON-STERILE**

Caution: Federal law restricts this device to sale by  
or on the order of a licensed dentist.

89 Leuning Street, S. Hackensack, NJ 07606  
www.edsdental.com • Made in USA



EDS Ultrasonic tips come in two thread sizes - M-Thread and E-Thread.  
See chart for compatible units:

M-Threads Fit	E-Threads Fit
EMS	Satelec-Acteon
Dentamerica	Adec (Satelec)
Bonart	Vista P5
Parkell	NSK
Hu-Friedy (E series)	Sybron Endo
	Obtura Spartan
	J.Morita
	Dentsply/Tulsa
	Hu-Friedy (S series)
	EIE2

### 1. Indications for use

EDS Ultrasonic Tips are intended for use by dental professionals for the removal of soft and hard tissue during endodontic root canal preparation procedures. They can also aid in the removal of separated instruments, endodontic posts, and other intra-canal blockages.

EDS Tip	Application	Power Setting
EDS 1	Post removal - post placed in notch	High
EDS 2	Removal of core material and gross shaping of access opening	High
EDS 3	Access cavity wall refinement	Med
EDS 4	MB2 scouting, refiner, and trougher	Med
EDS 5	Canal scouting, opener, and refiner	Low-Med
EDS 6	Passive Ultrasonic Irrigation (PUI)	Low-Med*
*The EDS#6 Tip is for passive ultrasonic irrigation. Do not contact the canal walls during agitation.		



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## 2. Contra-Indications

There are no known contra-indications when used as recommended.

## 3. Warnings

Please refer to the instructions for use of the manufacturer of the piezoelectric ultrasonic unit. It is important to note that the different operating power settings must be used for different clinical applications and circumstances.

## 4. Precautions

- Do not start the piezoelectric ultrasonic generator with damaged ultrasonic tips.
- For best results, and your safety, the use of a visual aid is recommended.
- Do not heat above 275° F/135° C.
- Tips that have been distorted in any fashion should be discarded.
- To avoid overheating the dentin structures, do not apply continuous contact for more than 30 seconds.
- The tip must be tightened onto the ultrasonic handpiece prior to use. Please pay attention not to over tighten nor under tighten.

## 5. Adverse reactions

To date, no adverse reactions have been reported.

## 6. Instructions

To maximize clinical performance and safety, and to reduce the potential of instrument breakage, start with lower power settings and only increase the power as required to accomplish the clinical task. All tips should be used with minimal pressure and a light brushing motion.

## 7. Sterilization Instructions

EDS ultrasonic tips are not sold sterile and must be cleaned and sterilized prior to each use.

A. Wipe tips with a cleaning disinfectant.

B. Cleaning –

Pre-clean using a high-quality, pH neutral, ultrasonic cleaning solution. Follow solution manufacturer's instructions. Dry thoroughly with a towel and compressed air.

C. Steam Sterilization –

Place the tips to be sterilized in an autoclave pouch prior to sterilization.

### Sterilization Parameters for Tips

Gravity Steam Sterilizer:

- Temperature: 250° F/121° C.
- Cycle Time: 30 minutes
- Maximum Dry Time: 30 minutes

Prevacuum Steam Sterilizer:

- Temperature: 270° F/132° C.
- Cycle Time: 4 minutes
- Maximum Dry Time: 30 minutes

