

TUFI™

Diamond Coated Finishing Instruments

SAN DIEGO
SWISS
MACHINING
 INCORPORATED



Non-returnable if opened.



See Instructions For Use

Caution:

U.S. federal law restricts this material to the sale by, or on the order of a dentist.

Indications For Use:

TUFI™ Ultrasonic Instruments may be used on most brands of Piezo Electric Ultrasonic generators that have a M3 x 0.6mm thread. Refer to your specific Ultrasonic generator's user manual for recommended power settings. For European models using a M3 x 0.5, you may purchase our Euro-Adaptor to accept our TUFI™ instruments.

TUFI™ Ultrasonic Instruments are for use in re-treatment, refining, restorative procedures by application of ultrasonic vibration. The TUFI™ tips are used in conjunction with an ultrasonic energy-generating unit which provides the energy for the tip activation.

Contra Indications:

None Known

Precautions:

- The power settings used are completely determined by the clinician's experience level with ultrasonic devices and tips and the desired power needed to safely complete the specific procedure.
- Please refer to the instructions for use or the manufacturer guide of the ultrasonic generator. It is important to be aware of the different operating power settings that are required for the various clinical applications and situations.
- Set power at lowest level prior to attaching the tip to the ultrasonic generator's hand piece. Tips attached with the power level at high range, may break the tip.
- The tips must be tightened onto the ultrasonic generator hand piece with a tip wrench prior to use. Failure to do so will hinder the tips vibration.
- All procedures should be performed with adequate vision.
- While performing certain procedures, i.e.: those requiring higher power levels for a long interval of time, water should be used as a coolant.

General recommended power levels for most major brands of Ultrasonic Generators			
Model No.	Power Level		Letter Designation
TUFI Series	Minimum	Maximum	
TUFI-1	0	50%	M
TUFI-2	0	50%	M
TUFI-3	0	50%	M
TUFI-4	0	50%	M
TUFI-5	0	35%	L
TUFI-6	0	35%	L

L=Low Power 0-35% M=Medium Power 35%-70% H=High Power 70%-100%

Clinical Applications:

- Refining and finishing axial walls and line angles.
- Removing and finishing access cavity ledges.
- Smooth the pulp chamber floor
- Cleaning the pulp chamber
- Excavating caries in difficult to reach access areas
- Flaring the orifices
- Removing the coronal most aspect of carrier-based obturators
- Creating procedural access
- Smoothing off and finishing various restoratives

Power Settings:

- Always start with the lowest power setting that will effectively and safely perform the clinical procedure.
- Recommendation is to use the TUFI™ tips on ultrasonic generators on a low to mid power range.
- Technique for using the TUFI™ tips is with minimal pressure with a light brushing stroke. Pressure similar to writing with a pencil and using light brushing motions.
- Each individual TUFI™ tip 1-6 offers a water port to act as a coolant for lengthy procedures.
- TUFI™ Ultrasonic Instruments move in a linear motion.

Sterilization:

TUFI™ tips must be sterilized prior to every use. To autoclave maintain a temperature of at least 121° C (280° F) for a minimum of 20 minutes per USP recommendations, or 190° C for dry heat.