

## Instructions for Use

### KiS® Ultrasonic Endodontic Instruments

#### Function and Uses:

KiS instruments have been designed to function on most brands of Piezo-Electric type dental ultrasonic Scalers that use a M3x0.6 thread. Refer to your ultrasonic machines owners' manual for further details on the use of these types of devices. The operator should be aware that ultrasonic tips with small diameters are subject to breakage at any time.

All KiS instruments incorporate shapes that allow for improvement in procedural access for both anterior and posterior teeth. This is the same design found in virtually all dental instruments as well as ultrasonic tips for scaling and periodontal use. The following are guidelines for the various uses of KiS Instruments.

All KiS Instruments can be used at an Intensity Setting of Medium – High. *It is recommended that new users of these instruments begin use on low to medium power until they become familiar with the cutting efficiency of these instruments.*

**KiS-1:** Angled 80 degrees at the working end, with a 0.5mm diameter x 3.0mm cutting surface. Designed as a general purpose tip for anterior and posterior areas.

**KiS-2D:** Similar to the KiS-1, with a 0.7mm diameter x 3.0mm cutting surface for larger diameter roots.

**KiS-3D:** A double angled, 75-degree instrument designed for use on the buccal root of the mandibular right molar and mesial buccal of the maxillary left molar. 0.5mm diameter x 3.0mm cutting surface.

**KiS-4D:** A double angled, 110-degree instrument designed for use on the lingual root of the mandibular left molar and distal buccal of the maxillary right molar. 0.5mm diameter x 3.0mm cutting surface.

**KiS-5D:** A mirror image of the KiS-3D, for use on the buccal roots of the mandibular left molar and mesial buccal of the maxillary right molar. 0.5mm diameter x 3.0mm cutting surface.

**KiS-6D:** A mirror image of the #4, for use on lingual roots of the mandibular right molar and distal buccal of the maxillary left molar. 0.5mm diameter x 3.0mm cutting surface.

#### Sterilization Instructions – Ultrasonic Tips

Instruments must be cleaned and sterilized before each use.

1. Pre-clean using a high quality pH neutral ultrasonic solution.
2. Dry thoroughly with a towel and compressed air.
3. Place instrument in sterilization bag avoiding contact with other instruments.
4. Operate sterilization cycle according to the instructions for your brand and model, but not less than 135° C for 3 minutes in an autoclave, or 190° C for dry heat.
5. Allow instruments to cool to room temperature before use.

*Disclaimer: Spartan Marketing Group does not assume any responsibility or liability for incorrect diagnosis or failed procedures due to operator error or equipment malfunction. Clinicians who are not familiar with the techniques and uses of this product should attend courses and receive training on the subject prior to use. Warranty: Ultrasonic instruments are covered by a limited 90-day warranty and will be replaced or repaired at our option if returned, shipping prepaid, to the point of purchase. Warranty is void if used incorrectly, or on improper equipment.*

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Symbol	Description
	Attention, see instructions for use.
	Steam sterilize at the temperature indicated
	Batch or Lot code

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