

FPO Label/UDI

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CH REP

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Translations of Symbols

Symbol	Definition
	Product reference number
	Batch or Lot code
	Use-by Date
	Caution: Federal Law restricts this device to sale by or on the order of a dentist
	Caution
	Sterilizable in a steam sterilizer (autoclave) at temperature specified
	Non-Sterile
	Medical Device

	Unique Device Identifier
	Manufacturer
	Authorized representative in the European Community
	Authorized representative for Switzerland
	CE marking Conformity European Notified Body Reference Number
	Country of Origin
	Importer
	Do not use if package is damaged

For a list of additional translations, please go to www.youngspecialties.com.

REF BUC® Non-Surgical Ultrasonic Endodontic Instruments			
930-041	930-042	930-043	
930-046	930-048	930-049	
BUC-E® Non-Surgical Ultrasonic Endodontic Instruments			
932-018	932-019	932-020	932-024
CPR-E® Non-Surgical Ultrasonic Endodontic Instruments			
932-001	932-002	932-003	932-004
932-005	932-006	932-007	932-008
CPR® Non-Surgical Ultrasonic Endodontic Instruments			
930-011	930-012	930-013	930-014
930-015	930-016	930-017	930-018

REF KiS® Ultrasonic Endodontic Instruments			
931-011	931-012	931-013	931-014
931-015	931-016	952-614	
KiS-E® Ultrasonic Endodontic Instruments			
932-011	932-012	932-013	
932-014	932-015	932-016	

Obtura Spartan Instructions for Use – Ultrasonic Tips

Intended Use

Ultrasonic tips are used by dental professionals for the removal of material from outside or inside of the tooth for endodontic or periodontal applications.

KiS® Ultrasonic Endodontic 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.

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 KiS-4D, 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.

KiS-1D4: Angled 80-degrees at the working end, with a 0.5mm diameter x 4.0mm cutting surface larger than the KiS-1.

Reprocessing Limitations: Tips have been tested to withstand 250 reprocessing cycles per ISO 18397 without deterioration in performance or signs of corrosion both internally and externally. The end of life is determined by the wear and damage in use as well as reprocessing cycles. Ultrasonic Tips should be inspected for defects during the cleaning and sterilization process. Damaged or broken tips should no longer be used.

Disposal: Dispose of damaged or broken ultrasonic tips in a sharps container.

**OBTURA
SPARTAN®**
Endodontics

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Obtura Spartan Ultrasonic Tips are designed to function with most ultrasonic scalers that use M3 X 0.6 threading. Obtura Spartan also offers all of their tips with M3 X 0.5 threading in their E series of ultrasonic tips. Refer to your ultrasonic machine owner's manual for further details on the use of these types of devices. Using force to install a tip with improper threading will cause damage to the ultrasonic device. An appropriate ultrasonic tip wrench may assist in securing tips to scalers.

Obtura Spartan Ultrasonic Tips are contra-angled for improved procedural access to both anterior and posterior teeth. The following are guidelines for the various uses of Obtura Spartan Ultrasonic Tips. The operator should be aware that ultrasonic tips with small diameters are subject to breakage at any time. To reduce the incidence of premature breakage or failure, only a very light pressure should be applied by the operator, and the suggested intensity settings should be followed.

Sterilization Instructions – Ultrasonic Tips:

The Ultrasonic Tip should be kept in original packaging in a dry and dust-free location prior to sterilization. Cleaning and sterilization validated in accordance with ISO 17664-1 and ISO 17665-1 standards. Tips are not sold sterile, and should be cleaned and sterilized prior to each use. Proper Personal Protective Equipment (PPE) should be utilized during cleaning and sterilization as well as normal use and handling of these devices.

1. Cleaning – Prior to cleaning and sterilization, tips should be disconnected from any handpiece to which they are connected. Pre-clean using a high-quality, pH neutral, ultrasonic cleaning solution. Follow solution manufacturer's instructions. Dry thoroughly with clean cloth.
2. Steam Sterilization – For long-term tip storage, place the tips to be sterilized in the tip taxi, then in an autoclave pouch prior to sterilization. The tips do not require an autoclave pouch if they are intended for immediate use and can be placed solely in the tip taxi for sterilization. Sterilize the handpiece according to the following parameters:

Steam Sterilization Parameters for Tips

Steam Sterilization Parameters for Tips	
Steam Sterilizer Type	Prevacuum
Temperature	132°C
Cycle Time	4 minutes
Maximum Dry Time	30 minutes

The Ultrasonic tip should be stored in a dry and dust free location

BUC® Non-Surgical Ultrasonic Endodontic Instruments

- BUC-1 Intensity Setting – Medium to High
 - BUC-1A Intensity Setting – Medium
 - BUC-2 and BUC-2A Intensity Setting – Medium to High:
 - BUC-3 and BUC-3A Intensity Setting – Low
- #### **CPR® Non-Surgical Ultrasonic Endodontic Instruments**
- CPR-1 Intensity Setting – Medium to High



CAUTION! DO NOT PLACE THE CPR-1 DIRECTLY ON A CERAMIC CROWN OR BRIDGE.

- CPR-2D Intensity Setting – Low to High
- CPR-3D – CPR-5D Intensity Setting – Low
- CPR-6 – CPR-8 Intensity Setting – Low