

Instructions for Use

Original EndoBender

The EndoBender is a stainless-steel dental device/instrument used by dental professionals to create a precise curvature to the tip of an endodontic root canal file.

1. The EndoBender is used like other common pliers used in dentistry. For the EndoBender, the thumb is placed on the larger paddle like projection on the top of the instrument and the remaining fingers of the hand secure the lower member. This allows for optimum control while using the instrument and to precisely direct the needed bending action.
2. Commonly a K-file is used to negotiate small canals of various teeth with small and torturous orifice openings. An example is an MB2 canal of a maxillary first molar. When the tip of a #10/15 K-file needs to be bent at an acute angle to help locate and negotiate the opening, the EndoBender is used to bend the file.
3. After placing the tip of the file on to the end of the rounded anvil jaw of the EndoBender, the thumb depresses the paddle with a firm pressure. The pliers have two specially designed jaws that bend a file to a precise and prescribed bend. The upper clamping jaw has a concave undersurface that matches the lower rounded anvil shaped jaw. When the thumb depresses the paddle of the plier to close, the jaws automatically emboss or bend a file up to the very last flute.
4. Please scan the QR code for a short video prepared by Dr. L. Stephen Buchanan on how this procedure can be predictably and successfully done.

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instructional



Processing Instructions EndoBender

Precleaning: Always preclean prior to use and after using between patient visits. Scrub all debris with a brush to remove all visible soils. Place the instrument in an ultrasonic bath using only an enzymatic detergent prepared to the manufacturer's instructions. Let the instrument soak for 1 minute, then sonicate the instrument for 5 minutes. Remove and rinse it free of all solutions. Inspect for any remaining soil and repeat if any are visible.

Steam Autoclave Processing Instructions: Place the EndoBender in a regulatory or ISO 11607 compliant or approved autoclave pouch/bag. See chart below for steam autoclave processing time and temperatures for the bagged instrument. (2602)

Type of Sterilizer	Temperature	Minimum Time	Drying Time
Gravity Displacement	250 °F (121 °C)	30 minutes	15-30 minutes
Dynamic-Air-Removal (Pre-Vacuum)	270 °F (132 °C)	4 minutes	20-30 minutes

The chart above shows times and temperatures for steam autoclave processing. The information is adopted from the CDC: Guidelines for Disinfection and Sterilization in Healthcare Facilities 2008 (Updated 6/24). Always follow the instructions for use from the autoclave manufacturer.

 **Warning:** If the EndoBender demonstrates any signs of excessive wear or the hinge joint is degrading, please dispose of the instrument.

Symbols Glossary Available at: www.jordco.com/symbols

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