

Hand Instruments Use and Maintenance

Indications for Use

Explorers

- Used for diagnostic procedures.

Long Shank Excavators

- Used to remove material from pulpal chamber.

Curettes

- For removal of calculus both subgingivally and supragingivally.

Endodontic Explorers

- Designed to locate opening of the root canal after pulp chamber has been opened.

Spreaders

- For lateral condensation of Gutta Percha.

Scalers

- For removal of calculus supragingivally and interproximally.

Pluggers

- To plug Gutta Percha into root canal.

Excavators

- Used to remove necrotic material from cavity preparations.


Cleaning & Sterilization

- Clean and sterilize Hand Instruments as soon as practical before first use and after each patient.

- Repeated processing has minimal effect on this Hand Instrument.

Note: Never use chemical disinfectants on the Hand Instruments

Cautions	<p>Do not exceed 135°C</p> <p><u>Do not use:</u></p> <ul style="list-style-type: none"> • surface sprays containing disinfectants • chemical disinfectors • dry heat sterilizer • cold sterilizers • immersion techniques • surgical milk • sterilizer bags containing disinfectants • hand soaps
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Instructions			
1 Cleaning	<p>Automated washer-disinfectors are not recommended.</p> <ul style="list-style-type: none"> • Use Sparkl® Liquid Cleaner StarDental Part # 205472 to clean Hand Instruments. <div style="text-align: right;">  <p>Sparkl® Liquid Cleaner StarDental Part # 205472</p> </div>		
2 Packaging	<p>Single Hand Instrument: A standard sterilization pouch must be used. Ensure that the pouch is large enough to contain the Hand Instrument without stressing the seals.</p> <p>In sets: Hand Instruments may be loaded into dedicated instrument trays or general purpose sterilization trays. Ensure that cutting edges are protected and do not exceed the tray manufacturer's limit per tray. Wrap the trays using manufacturer's recommended materials and methods.</p>		
3 Wrapped Instrument Sterilization By Autoclave	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <p><u>Gravity Type Autoclave</u></p> <ul style="list-style-type: none"> • Minimum of 15 minutes at 132° C • Minimum of 30 minutes at 121° C • Do not exceed 135° C in Autoclave </td> <td style="width: 50%; border: none;"> <p><u>Pre-Vacuum Autoclave</u></p> <ul style="list-style-type: none"> • Minimum of 4 minutes at 132° C • Do not exceed 135° C in Autoclave </td> </tr> </table>	<p><u>Gravity Type Autoclave</u></p> <ul style="list-style-type: none"> • Minimum of 15 minutes at 132° C • Minimum of 30 minutes at 121° C • Do not exceed 135° C in Autoclave 	<p><u>Pre-Vacuum Autoclave</u></p> <ul style="list-style-type: none"> • Minimum of 4 minutes at 132° C • Do not exceed 135° C in Autoclave
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4 Drying	<p>Dry the Hand Instrument in pouch on tray for 30 minutes minimum using the sterilization dry cycle and allow the Hand Instrument to cool to room temperature in bag prior to use. If moisture is present, increase your sterilizer dry cycle appropriately.</p>		
5 Storage	<p>Store in pouch after sterilization until ready to use.</p>		