



## stryker MiniFESS Surgical Instruments Instruction Manual

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MiniFESS Surgical Instruments  
Instruction Manual  
MiniFESS®  
Surgical Instruments

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## MiniFESS Surgical Instruments

### Instructions for Cleaning, Sterilization, and Care

**Important:** Read all instructions in this manual before using and reprocessing these devices.

#### Cleaning

Do not allow contaminants to dry on instruments as this makes cleaning more difficult. Immediately after use, place instrument under cold, running water to remove contaminants then pre-soak in enzymatic cleaning solution. Follow enzymatic cleaner instructions for concentration, water temperature, and timeframe. Thoroughly rinse instrument to remove harmful residue from soaking solutions.

**Caution:** Instruments must not be soaked in caustic or physiological saline solutions as this could cause pitting or rust.

Instruments with joints or lock boxes (scissors, clamps, retractors, etc.) should always be cleaned in the open position. They should be activated several times during the cleaning process to facilitate removal of contaminants

in joints.

Use a soft brush to help remove remaining contaminants.

**Caution:** Do not use metal brushes as this could scratch or deposit metal particles on the instrument which could lead to rusting.

A pressurized water spray can also be used to remove contaminants.

Rinse thoroughly under cold, running water followed by a distilled water rinse to remove tap water residue.

Visually inspect instrument to insure it is clean.

Place instrument in an ultrasonic cleaner and follow the ultrasonic cleaner instructions for detergent, temperature, and time. Rinse thoroughly under cold, running water to remove any residue of the detergent once again followed by a distilled water rinse.

### **Sterilization: Autoclave**

<b>Pre-vacuum</b>	<b>Gravity</b>
Unwrapped	Unwrapped
132°C (270°F) 3 minutes	132°C (270°F) 3 minutes
135°C (275°F) 3 minutes	135°C (275°F) 3 minutes
<b>Wrapped</b>	<b>Wrapped</b>
132°C (270°F) 4 minutes	132°C (270°F) 15 minutes
135°C (275°F) 3 minutes	135°C (275°F) 10 minutes
137°C (279°F) 3 minutes	

### **Caring for Stainless Steel Surgical Instruments**









For stainless steel to be used for surgical instruments, it must contain a specific amount of carbon. Carbon is required in order to allow the steel to become “hardened.” Hardening strengthens the steel and allows it to retain sharpness. Carbon also allows steel to be more susceptible to tarnishing and rusting. The effect of the carbon is minimized by processing the surface finish of the instrument. As the name implies, the material stainless steel—STAINS LESS, but is not stain-free.

Improper cleaning, disinfection, and sterilizing will contribute more to rusting or staining than the carbon content of the stainless steel.

### **Common Problems**

1. Improper drying of the instrument after cleaning, disinfection, or sterilizing especially in joints and lock boxes.
2. Using corrosive or caustic cleaning agents. (Do not use any chemical over 10.5 pH)
3. Improper rinsing to remove the cleaning or disinfecting solutions;  
Using tap water without following with a distilled water rinse (tap water may contain chemicals and minerals such as iron which can leave deposits on the surface).
4. Faulty autoclave which may leave deposits on the instrument and attack the instrument’s surface finish.
5. Use of stiff metal brushes that roughen the surface of the instrument and leaves it susceptible to rust and stains.

### **Graphic Symbols Contained on Device Labeling**

 Lot Number	 Catalog Number	 Manufacturer
 CE Mark	 Prescription Use Only	 Device Is Non Sterile
 Authorized Representative in the European Community		 Consult Instructions for use

MiniFESS is a trademark of Stryker Corporation of Kalamazoo, MI.



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**Documents / Resources**



CE

MiniFESS<sup>®</sup>  
Surgical Instruments  
Orugjeza Instrumenta  
Instrumenti Chirurgici  
Kirurgikusműszerek  
Chirurgische Instrumente  
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