



**Consolidated  
Operating Room  
Equipment**

# **Micro Oscillating Saw**

**REF 5400-31**



**CE 0197**

US Patents: 5,543,695

5,689,159

6,017,354

6,329,778

6,752,816

and other Patents Pending

**stryker®**

**INSTRUMENTS**

4100 E. Milham  
Kalamazoo, Michigan

(USA) 49001  
269-323-7700  
1-800-253-3210

**European Authorized Rep:**  
**RA/QA Manager**  
Stryker France  
ZAC Satolas Green Pusignan  
Av. de Satolas Green  
69881 MEYZIEU Cedex  
France

## Important Information

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File in your maintenance records

## Intended Use

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The Micro Oscillating Saw is intended for use with the Consolidated Operating Room Equipment (CORE) System. When used with a variety of cutting accessories, the handpiece is intended for surgical procedures involving the cutting of bone and hard tissue. The saw may also be used with the Total Performance System (TPS).

## User/Patient Safety\*

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### WARNINGS:

- Before using this component or any component compatible with this system, read and understand the instructions supplied with each component. Pay special attention to the important User/Patient Safety information. Familiarization with the system components prior to use is important. Failure to comply may result in patient and/or operating room staff injury or damage to components.
- The surgeon performing any procedure is responsible for determining the appropriateness of this instrument and specific technique for each patient. Stryker, as a manufacturer, does not recommend surgical technique.
- Clean and sterilize handpieces and accessories before first and every use. See the *CORE Cleaning, Maintenance, and Sterilization Recommendations* for care instructions.
- Use only Stryker approved components and accessories unless otherwise specified. DO NOT modify any accessory to fit a handpiece. Contact your Stryker sales representative for a complete list of accessories. Failure to comply may result in patient and/or operating room staff injury.
- Prior to use, operate the components and inspect for damage. Do not use if damage is apparent.
- All cutting accessories are intended for single use only. Reuse significantly increases wear on the handpiece and attachment. Failure to comply may result in patient and/or operating room staff injury.

\*For further information, contact your Stryker Instruments sales representative or Customer Service at 1-800-253-3210. Outside the USA, contact your nearest Stryker subsidiary.

## Accessories

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<u>Description</u>	<u>REF</u>
Blades .....	2296-3
	2296-33
	5400-3-xxx
	5400-31-xxx
	5400-134-xxx

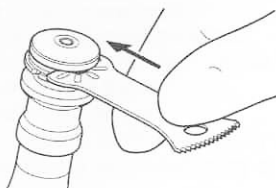
# Instructions



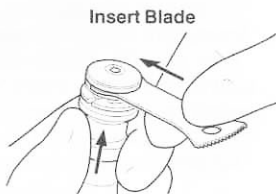
## WARNINGS:

- DO NOT attempt to insert or remove any cutting accessory or attachment while the handpiece is operating. Failure to comply may result in operating room staff injury.
- DO NOT apply excessive pressure, such as bending or prying, with the blade. Excessive pressure may bend or fracture the blade and cause tissue damage and/or loss of tactile control. Failure to comply may result in patient and/or operating room staff injury.
- Before operating the handpiece, gently tug the blade to verify it is secure. Failure to comply may result in patient and/or operating room staff injury.

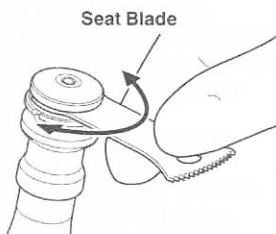
1. Insert the blade into the blade mount retaining gap.



2. Push up on the collar while fully seating the blade against the post, then release the collar.



3. Gently rotate the blade against the post until it snaps into place. If necessary, push up on the collar again to rotate the blade to the desired location.



4. Before operating the handpiece, gently tug the blade to verify it is secure.

Snap Blade Into Place

## Troubleshooting Guidelines\*

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<u>PROBLEM</u>	<u>CAUSE</u>	<u>SOLUTION</u>
Blade does not oscillate.	Blade is not seated properly.	Reseat the blade.
	Excessive pressure is on the blade due to prying.	Decrease the pressure. Allow the handpiece and blade to do the cutting.
Blade is retained, but is loose.	Blade is not fully seated.	Reseat the blade.
Sporadic electrical interference is experienced.	Electrical noise is present.	Turn off all electrical equipment not in use in the operating room.
		Relocate electrical equipment; increase spatial distance.
		Plug operating room equipment into different operating room outlets.

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\*This handpiece is not field repairable. In case of operating difficulties, return this handpiece to Stryker Instruments for repair. For more information, contact your Stryker sales representative or Customer Service at 1-800-253-3210. Outside the USA, contact your nearest Stryker subsidiary.

## Specifications\*

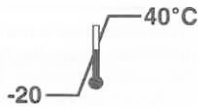
<b>Model:</b>	Micro Oscillating Saw REF 5400-31	
<b>Size:</b>	6.4 in [163 mm] length 0.78 in [20 mm] diameter	
<b>Weight:</b>	0.40 lbs [0.181 kg]	
<b>Speed:</b>	20,000 CPM	
<b>Excursion:</b>	8.0° arc	
<b>Duty Cycle:</b>		
Cycle Time:	 20 seconds on/ 20 seconds off	4 times
Cycle Frequency:		30 minutes
Break Between Cycles:		
<b>Approval:</b>	 0197	
<b>Equipment Type:</b>		Type BF Applied Part
<b>Enclosure Protection:</b>	IPX0 Ordinary Equipment	

### Environmental Conditions:

#### Operation

#### Storage and Transportation

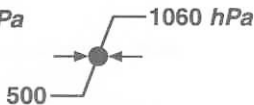
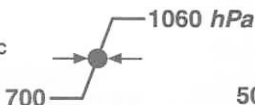
### Temperature:



### Relative Humidity:



### Atmospheric Pressure:



\*Specifications listed are approximate and may vary slightly from unit to unit.

Euro. equiv. 5400-031-713 Rev-  
Japanese equiv. 5400-031-720 Rev-  
N. Euro. equiv. 5400-031-730 Rev-  
Polish equiv. 5400-031-750 Rev-

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