















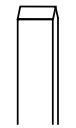





EXACTECH | ACUDRIVER


















Reference Chart



ACUDRIVER®

**Automated
Osteotome
System**

CATALOG NUMBER		DESCRIPTION	TIP PROFILE	PRIMARY APPLICATION
CEMENTED HIP REVISION				
400-40-01		Notched Osteotome		Aggressive cement fragmentation for thick mantles or plugs <i>Lengths available — 185mm and 285mm</i> <i>Width available — 6.5mm</i>
400-40-15		Notched Osteotome (Long)		
400-40-03		Straight Gouge		Cement fragmentation for thin mantles along periphery of canal <i>Lengths available — 185mm and 285mm</i> <i>Width available — 10mm</i>
400-40-17		Straight Gouge (Long)		
400-40-04		Vee Osteotome		Aggressive cement fragmentation for thick mantles or plugs <i>Lengths available — 185mm and 285mm</i> <i>Width available — 7mm</i>
400-40-18		Vee Osteotome (Long)		
CEMENTLESS HIP REVISION				
400-40-11		Flex Osteotome (Round, Medium)		Separating biologic fixation from a cementless prosthesis <i>Lengths available — 137mm and 164mm</i> <i>Widths available — 10mm and 15mm</i> <i>Thickness available — 0.85mm</i>
400-40-12		Flex Osteotome (Round, Narrow)		
400-40-19		Flex Osteotome (Round, Long)		
400-40-14		Flex Osteotome (Flat, Narrow)		Separating biologic fixation from a cementless prosthesis <i>Lengths available — 137mm and 164mm</i> <i>Widths available — 10mm</i> <i>Thickness available — 0.85mm</i>
400-40-20		Flex Osteotome (Flat, Long)		
ACETABULAR CUP REVISION				
400-40-07		Cup Osteotome (Small)		Initial loosening of acetabular component <i>Length available — 210mm</i>
400-40-08		Cup Osteotome (Medium)		Secondary loosening of acetabular component <i>Length available — 205mm</i>

CATALOG NUMBER		DESCRIPTION	TIP PROFILE	PRIMARY APPLICATION
KNEE REVISION				
400-40-01		Notched Osteotome		Aggressive cement fragmentation for thick mantles or plugs <i>Length available — 185mm</i> <i>Width available — 6.5mm</i>
400-40-04		Vee Osteotome		Aggressive cement fragmentation for thick mantles or plugs <i>Length available — 185mm</i>
400-40-11		Flex Osteotome (Round, Medium)		Separating biologic fixation from a cementless prosthesis <i>Lengths available — 137mm and 164mm</i> <i>Widths available — 10mm and 15mm</i> <i>Thickness available — 0.85mm</i>
400-40-12		Flex Osteotome (Round, Narrow)		
400-40-19		Flex Osteotome (Round, Long)		
400-40-14		Flex Osteotome (Flat, Narrow)		Separating biologic fixation from a cementless prosthesis <i>Lengths available — 137mm and 164mm</i> <i>Widths available — 10mm</i> <i>Thickness available — 0.85mm</i>
400-40-20		Flex Osteotome (Flat, Long)		
SUPPLEMENTAL OSTEOTOMES				
400-40-25		Carbide Punch (Long)		Broken stem removal <i>Length available — 196mm</i>
400-40-24		Impactor		General component loosening and impacting <i>Length available — 187mm</i>
FINISHING REAMERS				
400-30-20		Straight Reamer		Reamers connect to standard power equipment, not the AcuDriver handpiece. <i>Length available — 225mm</i>
400-30-21		Tapered Reamer		Reamers connect to standard power equipment, not the AcuDriver handpiece. <i>Length available — 230mm</i>

ALL OSTEOTOMES ARE SINGLE USE ONLY

Each AcuDriver Set Includes:

- AcuDriver Handpiece
 - 14’ Pneumatic Hose
 - Osteotome Handle Extractor
- Sterilization Container
 - One Complete Set of Osteotomes

For full cleaning instructions, please read the Reprocessing Instructions for AcuDriver Reusable Surgical Instruments (700-096-035).

CLEANING INSTRUCTIONS

It is recommended that the hose remain attached to the handpiece during cleaning in order to prevent water from entering into the air intake port. Thoroughly scrub the instrument and the attachments with a soft cloth and mild detergent. All traces of blood and debris should be removed. Keeping the nose of the handpiece pointed downward, rinse under running water.

For full sterilization instructions, please read the Reprocessing Instructions for AcuDriver Reusable Surgical Instruments (700-096-035).

STERILIZATION RECOMMENDATIONS

1. Place cleaned instruments in an instrument tray.
2. Do not crimp the hose when closing the case lid.
3. If the instruments are to be wrapped, use two double thickness of #140 thread count wrappers. Exposure times are the same for wrapped or unwrapped instruments.
4. Follow the instructions for pre-vacuum steam sterilization listed below.

Pre-Vacuum Steam Sterilization

If the pre-vacuum steam sterilizer has a pre-fixed cycle, use the hard goods cycle. If it does not have a pre-fixed cycle:

1. Set temperature at 270°-272°F (132-133°C)
2. Set exposure time for four minutes
3. Set drying time for eight minutes minimum

RECOMMENDED REGULATOR SETTING

The performance of the AcuDriver is extremely dependent upon both dynamic airflow and pressure. Pressure can fluctuate significantly from the regulated source due to hose length. The instrument is designed to operate at a pressure of 120 p.s.i., based on tests utilizing an Exactech 14' hose. However, if the length of the hose should change, it will be necessary to adjust the pressure approximately two p.s.i. per foot of hose to obtain the optimal performance range. The maximum recommended regulator setting for the 14' hose supplied by Exactech is 120 p.s.i. For example, if you added a 10' hose to the standard 14' hose, then the pressure will be 140 p.s.i.

ACUDRIVER SPECIFICATIONS

Maximum Operating Pressure	120 p.s.i. (14' hose) 112 p.s.i. (10' hose)
Power Source	Compressed dry nitrogen 99.9 percent pure medical grade
Operating Speed (multi-shot)	greater than 3,000 cycles per minute
Osteotome Excursion	3mm
Nitrogen Consumption	2 SCFM at 100 p.s.i.
Weight of Handpiece	2.25 lbs.
Handpiece Hose Connection	Zimmer-Hall Surgical™ style

WARNINGS

1. DO NOT LUBRICATE. The instrument is pre-lubricated. Lubrication of the AcuDriver handpiece may result in damage to internal parts and will void warranty.
2. NEVER IMMERSE the AcuDriver completely. Immersion in any solution will permanently damage the instrument from liquid entering the mechanical parts. Some solutions will corrode metal and delicate, moving parts or break down internal lubricants. Immersion damage will void warranty.
3. USE OF DULL OR DAMAGED OSTEOTOMES IS DANGEROUS AND WILL CAUSE A DECREASE IN OPERATION PERFORMANCE AND EFFICIENCY.
4. STEAM STERILIZE the AcuDriver handpiece (except regulator) per instructions. DO NOT ETO gas sterilize.
5. The surgeon and all others in the surgical area should always wear face protection when operating the AcuDriver to prevent eye and face injuries from dislodged bone cement or debris.
6. Always put the instrument in the "SAFE" position before changing any accessory or hoses. Accidental activation of the instrument might injure the patient or operating room personnel.
7. Before each use, be sure the osteotome is correctly attached to the handpiece by gently pulling on the osteotome. Do not use a dull or damaged osteotome. The plastic debris shield at the instrument end of the osteotome must be intact and firmly in place.

EQUIPMENT IDENTIFICATION

