

# **Piezoelectric System.** Ultrasonic handpiece with cutting tips for a broad range of applications.

Cruise Control®

LED 60W  
Handpiece

User friendly  
Console



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## Features and benefits

The Piezoelectric System distributed by Synthes is an ultrasonic surgical system consisting of handpieces and associated tips for cutting bone and bone substitutes. It can be used for osteotomy, osteoplasty, decorticating,

drilling, shaping, and smoothing of bones and teeth in a variety of surgical procedures, including general orthopaedic, otolaryngological, maxillofacial, oral, hand, foot, neurosurgical, spine, and plastic / reconstructive surgery.

To maximize the benefits of this device and ensure it has a long working life, read the corresponding manual carefully before using the system.



### Progressive, multifunction foot pedal

- Real-time adjustment of the ultrasonic power according to the anatomical constraints encountered
- The power of the ultrasonics can be precisely adapted for areas where nerves, arteries or membranes are present
- Total control of the console through the foot pedal, which allows hands-free operation in the sterile field, without touching the console screen



### Cruise Control® System

- No loss of power regardless of the environment and / or treatment performed
- Active only on mineralized tissue, with minimal risk to soft tissue
- Minimum pressure required, resulting in higher precision and less hand fatigue for the clinician
- Four power setting modes: 3 for bone cutting based on bone density and 1 for soft tissue detachment

### LED handpiece

- Up to 60 watts of power for efficient osteotomies
- No heat generation and vibration free, minimizes surgeon discomfort
- Six powerful LEDs for enhanced vision at the operative site
- Attached cable

### Cutting tips

- No heat generation, minimizes the risk of necrosis
- Narrow kerf for highly precise bone surgery procedures
- Broad range of applications



### Console

- User-friendly touch-sensitive LCD screen for ease of operation
- Cable connectors for up to two handpieces, eliminating the need to change cutting tips during procedures
- Two peristaltic pump housings
- Two brackets for irrigation solution



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## Ordering Information

### 01.001.597 Piezoelectric System Set

05.001.400	Console for Piezoelectric System
05.001.401	Hand Piece for Piezoelectric System
05.001.402	Pedal for Piezoelectric System
05.001.404	Flat Wrench for Piezoelectric System

### Cutting tips

03.000.401S*	Saw 20.9×14.1×4.0×0.6 mm for Piezoelectric System, sterile
03.000.402S*	Saw 20.1×21.4×4.0×0.6 mm for Piezoelectric System, sterile
03.000.403S*	Saw left 17.8×15.2×4.0×0.6 mm for Piezoelectric System, sterile
03.000.404S*	Saw right 17.8×15.2×4.0×0.6 mm for Piezoelectric System, sterile
03.000.405S*	Scalpel round 22.45×12.6×3.9 mm dia×0.7 mm for Piezoelectric System, sterile
03.000.406S*	Scalpel flat 21.6×11.1×3.0×0.5 mm for Piezoelectric System, sterile
03.000.407S*	Scalpel 17.7×15.5×1.2×0.5 mm for Piezoelectric System, sterile
03.000.408S*	Spade round 24.0×11.05×4.0×0.65 mm for Piezoelectric System, sterile
03.000.409S	Diamond 24.6×12.85×2.6×0.6 mm for Piezoelectric System, sterile
03.000.410S	Diamond round 21.9×12.4×1.8 mm for Piezoelectric System, sterile
03.000.411S*	Sinus Lift 22.9×10.1×5.0 mm dia×0.4 mm for Piezoelectric System, sterile
03.000.412S	Saw 105.7×4.0×0.6 mm for Piezoelectric System, sterile
03.000.418S	Saw left 39.5×4.0×0.8 mm for Piezoelectric System, sterile
03.000.419S	Saw right 39.5×4.0×0.8 mm for Piezoelectric System, sterile
03.000.421S	Scalpel flat 105.1×3.0 mm for Piezoelectric System, sterile
03.000.423S	Scalpel 32.1×1.2 mm for Piezoelectric System, sterile
03.000.424S	Saw round 38.9×∅ 5.0×0.6 mm for Piezoelectric System, sterile
03.000.425S	Diamond cylindrical 30.7×4.7×2.3 mm for Piezoelectric System, sterile
03.000.426S	Diamond conical 26.8×11.0×0.5 mm for Piezoelectric System, sterile

## Accessories

03.000.400.01S	Irrigation Tubing for Piezoelectric System, sterile, pack of one article
03.000.400.05S	Irrigation Tubing for Piezoelectric System, sterile pack of five articles
68.001.400	Vario Case for Piezoelectric System, without Lid, without Contents
689.537	Lid (Stainless Steel), size 1/2, for Vario Case

## Additionally available

05.001.403	Torque Wrench for Piezoelectric System
05.001.417	LED Ring, for Handpiece, for Piezoelectric System
05.001.418	Light Diffuser Cone for Handpiece for Piezoelectric System
05.001.419	Irrigation Pole for Piezoelectric System
05.001.420	Nose Cone for Handpiece for Piezoelectric System

\* Cutting tips are also available nonsterile packed.



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