

Due to our policy of constant technological upgrading, technical specifications may be subject to change without prior notice. According to the standards in force, in extra-EU areas the availability and specifications of some products and/or characteristics may vary. Please contact your local distributor for further information.



Making Your Life Better.

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# INSTRUMENTS.

**INSTRUMENTS ANTHOS**

SILENT POWER EVO  
GOLDSPEED EVO

# Power

PERFORMANCE AND RELIABILITY



# High performance turbines

## SILENT POWER EVO

A powerful pneumatic power drive system, consisting of a premium-quality rotor, ensures high-level performance. Made with ceramic ball bearings, characterised by low-friction and low inertial effect, Anthos Silent Power Evo turbines have superior power, fewer vibrations and

excellent durability. Precision mechanics, construction materials, geometry, structure and lubrication all contribute to sustaining power at high speeds, increased resistance to dynamic stress during use as well as thermal and chemical attacks of modern autoclaves.



### Hygiene and asepsis.

Given the characteristics of the constituent materials and components, Anthos Silent Power Evo handpieces can be washed and heat-disinfected in instrument washers and sterilized in steam autoclaves at up to 135 °C.

A rotor capable of delivering extremely high torque is the heart of the turbine: ceramic ball bearings based on cutting-edge technology, high mechanical strength, low friction and minimal inertial mass mean high efficiency. Superior performance and reliability in Anthos Silent Power Evo turbines.



### Multiple coolant.

Optimum cooling is made possible thanks to irrigation which differs from version to version. Three or four spray tubes are present. Whatever the working conditions, multiple irrigation guarantees maximum visibility of the operating field. Two separate nozzles, one for water and one for air at each point of delivery, prevent fluids mixing inside the turbine and reciprocal air and water line contamination. Furthermore, this ensures a constantly stable spray, irrespective of air and liquid pressures, and a chip blower that delivers really dry air, something that does not occur when air and fluid are mixed inside the head.



### Push button bur change.

Bur changes are made fast and easy thanks to the push button release on the head of all Anthos Silent Power Evo models.



Quick connector for turbines with Fibre Optics connectable to all cords having a 4 ways + 2 contacts connector, allows the turbine to swivel round 360°.

**SILENT POWER EVO**



EVO miniature



EVO miniature K



EVO 4L



EVO 4LK



EVO 2L



EVO 2

	EVO MINIATURE	EVO MINIATURE K	EVO 4L	EVO 4LK	EVO 2L	EVO 2
Ceramic ball bearings	●	●	●	●	●	●
Total weight (g)	65	65	65	65	59	55
Stainless steel head	●	●	●	●	●	●
Chromium-plated handle	●	●	●	●	●	●
Quick fit (4 ways + 2 contacts)	●		●			
Ready for MULTiflex® rapid coupling		●		●		
Four-way attachment + 2 contacts					●	
Four-way attachment						●
Button-type mill lock	●	●	●	●	●	●
LED optic fibre lighting	●	●	●	●	●	
4-jet spray			●	●	●	●
3-jet spray	●	●				
Top speed (rpm)	400.000	400.000	350.000	350.000	350.000	350.000
Power (W)	16	16	22	22	22	22
Pressure (bar)	2.7/2.9	2.7/2.9	2.7/2.9	2.7/2.9	2.7/2.9	2.7/2.9
Max water flow rate at 1.2 bar (mL/min)	60	60	60	60	56	56
Average noise level (dbA)	57	57	57	57	57	57
Autoclavable	●	●	●	●	●	●
Washable in instrument washer	●	●	●	●	●	●

● as standard



Noise level conventional turbine



Noise level Anthos Silent Power Evo

**Smooth and silent.**

Anthos Silent Power Evo turbines are based on high-level technologies and produce an average noise emission level of 57 dB(A). If compared to noise levels typical of conventional turbines, noise reduction, predominantly in the mid to high-frequencies, is such that the working environment is far more comfortable for everyone. High precision rotation, correct air flow dynamics and cutting-edge ball-bearing technology is responsible for the absence of acoustic discomfort.



**LED lighting technology.**

A miniaturised circuit with a light-emitting diode replaces traditional halogen bulbs. Compared to halogen bulbs, the Led has an incomparably superior life. It also emits a white light, of a higher quality, which does not alter the colour of teeth and tissues.

# Fully integrated technology

## GOLDSPEED EVO

Goldspeed Evo is a series of new Anthos handpieces designed to satisfy the most stringent requirements in all fields of dentistry, from conservative dentistry to implant surgery and endodontics.

A range of instruments combining quality and performance with extraordinary manoeuvrability and lightness, providing invaluable comfort to the practitioner during all procedures, even the most delicate.

Manufactured according to the highest standards of micro-mechanics, Goldspeed Evo instruments immediately offer, thanks to their exclusive design, working precision, excellent visibility of the operating area, extremely low noise, optimal wrist balance, lightness and perfect grip. They can be used on all micromotors with a standard ISO 3964 coupling.

Goldspeed Evo handpieces can be heat-disinfected and steam-sterilised at 135 °C, thus combining reliability and quality with characteristic Anthos safety.



**GOLDSPEED Evo S1-L**  
(1:1) Conservative

For conservative and general dentistry. Gear ratio 1:1 head and handgrip can be heat-disinfected and sterilised in an autoclave, push-button bur lock, single spray, integrated high-intensity, autoclave-safe fibre optic lighting.  
Head diameter 9.5 mm.

**GOLDSPEED Evo S1**  
(1:1) Conservative

For conservative and general dentistry. Gear ratio 1:1, head and handgrip can be heat-disinfected and sterilised in an autoclave, push-button bur lock, single spray.  
Head diameter 9.5 mm.

**GOLDSPEED Evo M5-L**  
(1:5) Conservative

For conservative, prosthetic and general dentistry. Multiplier contra-angle handpiece with 1:5 gear ratio, can be heat-disinfected and sterilised in an autoclave, uses Ø 1.6 mm FG burs, push-button bur lock, quadruple spray, ceramic ball bearings, integrated high-intensity, autoclave-safe fibre optic lighting.  
Head diameter 10 mm.

**GOLDSPEED Evo E16**  
(16:1) Endodontic use

Specific for endodontics, gear ratio 16:1, can be heat-disinfected and sterilised in an autoclave. Miniaturised head for improved access to the treatment area. Equipped with ball bearings for precise transmission of speed to the file. Push-button bur lock.

**GOLDSPEED Evo E4**  
(4:1) Endodontic use

Specific for endodontics, gear ratio 4:1, can be heat-disinfected and sterilised in an autoclave. Miniaturised head for improved access to the treatment area. Allows endodontic treatment in reciprocating mode and use of the apex locator integrated on Anthos dental units equipped with integrated endodontics.

**GOLDSPEED Evo R20-L**  
(20:1) Surgical use, Implantology, Osteotomy

Specifically for surgical use, gear ratio 20:1, can be heat-disinfected and sterilised in an autoclave, can be disassembled for thorough cleaning, single spray, with hex-type tightening system, for burs and surgical instruments with contra-angle stem Ø 2.35 mm, internal Kirschner/Meyer cooling system and external spray, LED with incorporated generator.

**GOLDSPEED Evo D1**  
(1:1) Conservative

Straight handpiece for general dentistry, gear ratio 1:1, can be heat-disinfected and sterilised in an autoclave, single spray.

**GOLDSPEED Evo D1-L**  
(1:1) Conservative

Straight handpiece for general dentistry, gear ratio 1:1, can be heat-disinfected and sterilised in an autoclave, single spray, integrated high-intensity, autoclave-safe fibre optic lighting.