

	EVO 4L	EVO 4L K	EVO MINIATURE	EVO MINIATURE K	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)	350000	350000	400000	400000	350000	350000
Power (W)	22	22	16	16	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 dB(A)	57	57	57	57	57	57
Autoclavable	●	●	●	●	●	●
Washable in instrument washer	●	●	●	●	●	●

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Our policy of constant technological upgrading means that technical specifications may be subject to change without prior notice.



SILENT POWER EVO

High technology turbines

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Multiple irrigation

From three to four spray outlets in the various Silent Power Evo models constantly assure optimal cooling and maximum visibility of the operating field in all working conditions.

Two separate nozzles, one for water and one for air at each point of delivery, prevent the mixture of fluids inside the turbine and reciprocal air and water line contamination as well as assuring 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.

Hygiene & asepsis

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

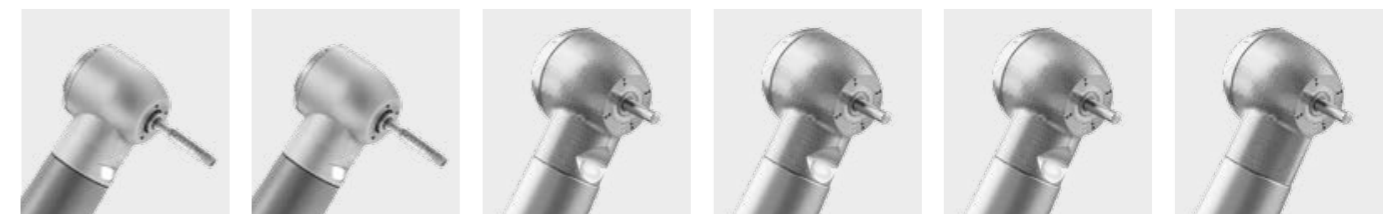
The Silent Power range

Quick connector for Fibre Optics Silent Power turbines, 4L Evo and Miniature Evo models, connectable to all cords having a 4 ways + 2 contacts connector, allows the turbine to swivel round 360°.

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 Stern Weber Silent Power Evo turbines.

Push-button bur change

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



EVO miniature

EVO miniature K

EVO 4L

EVO 4LK

EVO 2L

EVO 2

Operative comfort

Thanks to cutting-edge ball bearing technology, high precision rotation and fluid dynamic analysis of air flows, the noise emissions of the turbine have been cut by more than one half, to a medium level of 57 dB(A), an almost imperceptible level in normal ambient noise conditions; the benefits are further increased by the prevalent reduction in medium-high frequencies, the largest cause of acoustic discomfort.

Performance and reliability

A pneumatic power drive system, consisting of a rotor built to the most rigorous standards. A true jewel of mechanics, with dimensional precision to within thousands of a millimetre, supported by ceramic ball bearings of the most advanced conception, characterised by low-friction and low inertial effect: more power, fewer vibrations and a long life. Materials, geometries, structure and lubrication, that is to say optimisation of the whole in order to sustain power at high speeds and withstand dynamic stresses arising from operation as well as the thermal and chemical attacks of modern autoclaves.

LED lighting technology for the surgical field

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.

Silent Power Evo:
lower hearing stress and less discomfort,
in an environment that thus becomes more
comfortable for everyone.

