Evolve Series Handpieces

Product Brochure
LASTING PRECISION™

AG Neovo Dental handpieces are designed to deliver precise performance for longer periods of time. Unlike conventional dental handpieces, AG Neovo Dental handpieces are built to be extremely durable and to perform reliably during every dental procedure. Thanks to proprietary technology and innovative features, AG Neovo Dental is bringing a new level of lasting performance and precision to dental handpieces.

Engineered to Perform and Last
AG Neovo Dental commits to making products that provide reliability and durability, ensuring long-lasting precision over time.

Best-in-Class Innovation
With the Enduro™ Chuck at their core, Evolve Series high speeds deliver industry-leading technology and uncompromising concentricity.
Enduro™ Chuck
Brings cutting efficiency to a new level

Designed specifically to counter the commonly experienced decreases in performance and reliability in dental handpieces, the Enduro™ Chuck is a specially constructed chuck that incorporates advanced materials and a proprietary design to bring lasting durability and uncompromising concentricity to handpieces.

Enduro™ Chuck

Brings cutting efficiency to a new level

Matchless Durability
With a hardness close to a diamond, tungsten carbide is fused in the tip of the Enduro™ Chuck, protecting this vital area from wearing out quickly, thus resulting in consistently perfect turbine-bur alignment.

Uncompromising Concentricity
With a proprietary aperture push-button designed to withstand up to 36,000 cycles of bur attach-and-release, the Enduro™ Chuck further ensures persistent concentricity that delivers the long-lasting precision as sharp as its very first use.
Benefits at a Glance

**Ceramic Ball Bearings**
Increased durability and reliability are guaranteed by ceramic ball bearings.

**Quattro Water Spray**
4-nozzle water spray ensures efficient cooling and brings comfort to the entire operation.

**Optic Fiber**
Preparation areas are optimally illuminated with superior visibility.

**Push Button Chuck**
One-touch for easy bur insertion and removal.

**Quiet & Comfortable Operation**
Noise is reduced to the minimized level thanks to the special Enduro™ Chuck design.

**Light-weighted Design**
Ergonomic yet light weight body provides ease and comfort throughout each operation.

**Small Head Dimensions**
Small head-size design allows for flexible motion and optimal accessibility.

- Hygiene head system with Anti- suction back function
- Highly durable and repeatedly autoclavable at up to 135°C

Remark: Features vary according to models.
High Speeds
Precise • Efficient • Long Lasting

Evolve 6510
E-6510K/E-6510N
• Max. speed: 380,000 rpm
• Standard-head Ø13.5 mm
• Quattro spray (4-hold spray)
• Integrated optical fiber
• Enduro™ Chuck

Evolve 6110
E-6110K/E-6110N
• Max. speed: 380,000 rpm
• Mini-head Ø13.0 mm
• Single spray (1-hold spray)
• Integrated optical fiber
• Enduro™ Chuck

Evolve 6500
E-6500K/E-6500N
• Max. speed: 380,000 rpm
• Standard-head Ø13.5 mm
• Quattro spray (4-hold spray)
• Without optical fiber
• Enduro™ Chuck

Evolve 6100
E-6100K/E-6100N
• Max. speed: 400,000 rpm
• Mini-head Ø13.0 mm
• Single spray (1-hold spray)
• Without optical fiber
• Enduro™ Chuck

AG Neovo Dental handpieces deliver industry-leading cutting efficiency and long-lasting precision.
Low Speeds
Durable ● Reliable ● Satisfactory

Evolve 2000
- Max. Speed: 40,000 rpm (1:1 Direct-drive)
- Single spray
- Durable stainless steel body
- Mechanical locking chuck
- Thermo washer disinfectable and sterilizable

Contra-angle

Evolve 4010
- Max. Speed: 40,000 rpm (1:1 Direct-drive)
- Single spray
- Push button chuck
- Thermo washer disinfectable and sterilizable

Evolve 4000
- Max. Speed: 40,000 rpm (1:1 Direct-drive)
- Single spray
- Push button chuck
- Thermo washer disinfectable and sterilizable

Air Motors

Evolve 1110/1100
- Works with Evolve contra-angle/straight handpieces
- E-1110 integrated fiber optics
- Internal cooling system

Coupling
Stainless ● Anti-Retraction Valve

Optic
Model: CN-4010

Non-Optic
Model: CK-4000

Optic
Model: CN-4000

Non-Optic
Model: CK-4000
### Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>E-6510K</th>
<th>E-6510N</th>
<th>E-6500K</th>
<th>E-6500N</th>
<th>E-6110K</th>
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<td>2.3kg/cm²~2.8kg/cm²</td>
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<td>2.3kg/cm²~2.8kg/cm²</td>
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<td>CK-4000</td>
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### High Speeds

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## Specifications

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<td>Push type</td>
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