

Intensiv Swingle® Pat. EP 2754406B1

Reciprocating contra-angle handpiece with micromechanical dual function (axially free-rotating / axially fixed position of the oscillating instruments)

Efficient use of a reciprocating contra-angle handpiece requires a choice between the axially fixed position and the free axial rotation of the oscillating instruments during the same treatment. The 2:1 reduction of rotation results in an efficient stroke movement of 20,000 times per minute when used with micromotors with 40,000 rounds per minute (rpm).



Product Description

DUAL INTENSIV SWINGLE CONTRA-ANGLE

The dual contra-angle handpiece Intensiv Swingle, type EVA, is used for the application of oscillating instruments Intensiv Ortho-Strips, Intensiv Proxoshape and Intensiv Bevelshape.

- Reciprocating contra-angle handpiece with integrated water spray and optional with light
- Stroke movement 0.9 mm
- 20,000 oscillating stroke movements at 40,000 rpm
- With toggle switch to select axially free-rotating or fixed position of the oscillating instruments
- Axially free-rotating files and strips are used to finish and polish prepared surfaces. Contoured surfaces are maintained
- Axially fixed positions of the files and strips are used for required fixed positioning of the files and strips for removing excess (files), opening contact points (strips) and for enamel reduction in orthodontics (strips).



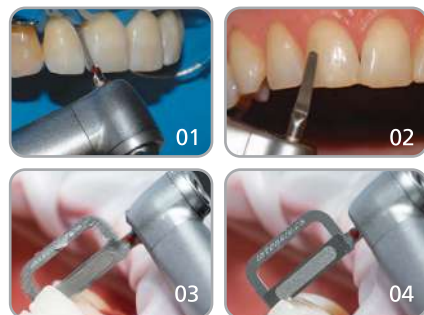
A simple to move toggle switch at the contra-angle head permits to choose between axially free rotating or axially fixed instruments.

Indications

- Swingle: for oscillating instruments with oscillating movement
- Swingle/Proxoshape: Fast and efficient excess removal, finishing and polishing of restorations
- Swingle/Ortho-Strips: Approximal enamel reduction, IPR, in orthodontics

Benefits

- Two applications in a contra-angle handpiece: free axial rotation or fixed axial position of inserted instruments
- Versatile use, for oscillating instruments in restorative and orthodontics (interproximal reduction)
- 20,000 oscillating stroke movements per minute for improved abrasion efficiency



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Clinical pictures

- 01 Interproximal finishing with Intensiv Swingle and Intensiv Proxoshape PS2
- 02 Finishing of vestibular surface with Intensiv Proxoshape PS2 and Intensiv Swingle
- 03 Enamel reduction in orthodontics (IPR) with Ortho-Strips Central, red, 40 µm
- 04 Beneficial interproximal insertion with Ortho-Strips Central, free of diamond coating at the edge below and above the strip