



Oral surgery & Implantology

ergonomic perfection

Durable, ergonomic and robust

3,450
6,900
10,350

13,800
17,250
20,700
24,150

27,600
31,050
34,500 min

NEW

The new surgical straight and
contra-angle handpieces from W&H



For tight squeezes



The new contra-angle handpieces WS-91 and WS-91 L G with 45° head unite the advantages of straight and contra-angle handpieces for the first time. The 45° angle allows considerably better access and considerably better visibility of the treatment site. This is particularly helpful in the surgical extraction

of wisdom teeth, precise tooth separations and apical resections. This makes palatal access to the maxillary molars much simpler, even with a small mouth opening. In contrast, in buccal applications, there is more space between the cheek and the operating site.

At the same time, the view is barely affected. Depending on the drive speed, the ratio of 1:2.7 makes it possible to achieve speeds of up to 135,000 revolutions per minute on the rotating instrument. A triple spray guarantees sufficient cooling of the rotating instrument and the tooth.

Technical data



Surgical contra-angles with mini LED+ and generator, dismantlable

Type:	WS-56 L G	WS-75 L G	WS-91 L G	WS-92 L G
Transmission ratio:	1:1	20:1	1:2.7	1:2.7
Coupling system:	ISO 3964 (DIN 13.940)		ISO 3964 (DIN 13.940)	
Lighting system:	mini LED+		mini LED+	
Power supply:	via independent generator		via independent generator	
Light quality:	daylight		daylight	
External spray:	single	single	triple	triple
Internal cooling system:	–	Kirschner/Meyer	–	–
Chucking system:	push-button chuck		push-button chuck	
Rotary instruments:	for surgical burs and cutters with contra-angled shank Ø 2.35 mm		for surgical burs and cutters with FG shank Ø 1.6 mm	
Maximum drive speed:	40,000 min ⁻¹		40,000 min ⁻¹	



Surgical contra-angles without light, dismantlable (except WI-75 E/KM)

Type:	WS-56	WS-75 (WI-75 E/KM)	WS-91	WS-92
Transmission ratio:	1:1	20:1	1:2.7	1:2.7
Coupling system:	ISO 3964 (DIN 13.940)		ISO 3964 (DIN 13.940)	
External spray:	single	single	triple	triple
Internal cooling system:	–	Kirschner/Meyer	–	–
Chucking system:	push-button chuck		push-button chuck	
Rotary instruments:	for surgical burs and cutters with contra-angled shank Ø 2.35 mm		for surgical burs and cutters with FG shank Ø 1.6 mm	
Maximum drive speed:	50,000 min ⁻¹		50,000 min ⁻¹	



Surgical saw handpieces without light, dismantlable

Type:	S-8 R	S-8 0	S-8 S
Transmission ratio:	3.25:1	3.4:1	3.25:1
Coupling system:	ISO 3964 (DIN 13.940)		
Strokes / angles:	1.8 mm	12°	3°
Frequency [strokes/min.]:	12,300	11,800	12,300
Maximum drive speed:	40,000 min ⁻¹	40,000 min ⁻¹	40,000 min ⁻¹

Technical data



Surgical handpieces with mini LED+ and generator, dismantlable

Type:	S-9 L G	S-11 L G
Transmission ratio:	1:1	1:1
Coupling system:	ISO 3964 (DIN 13.940)	ISO 3964 (DIN 13.940)
Lighting system:	mini LED+	mini LED+
Power supply:	via independent generator	via independent generator
Light quality:	daylight	daylight
Spray:	external	external
Chucking system:	lever chuck	lever chuck
Rotary instruments:	for surgical burs and cutters Ø 2.35 mm (also Stryker system)	for surgical burs and cutters Ø 2.35 mm (also Stryker system)
Permitted bur length:	45 mm	45 mm
Maximum drive speed:	40,000 min ⁻¹	40,000 min ⁻¹



Surgical handpieces without light, dismantlable

Type:	S-9 / S-11	S-15	S-10	S-12
Transmission ratio:	1:1	1:1	1:1	1:2
Coupling system:	ISO 3964 (DIN 13.940)	ISO 3964 (DIN 13.940)	ISO 3964 (DIN 13.940)	ISO 3964 (DIN 13.940)
Spray:	external	external	external	external
Chucking system:	lever chuck	lever chuck	lever chuck	lever chuck
Rotary instruments:	for surgical burs and cutters Ø 2.35 mm (also Stryker system)	for surgical burs and cutters Ø 2.35 mm (also Stryker system)	for surgical burs and cutters Ø 2.35 mm (also Stryker system)	for surgical burs and cutters Ø 2.35 mm (also Stryker system)
Permitted bur length:	45 mm	45 mm	70 mm	70 mm
Maximum drive speed:	50,000 min ⁻¹	30,000 min ⁻¹	50,000 min ⁻¹	40,000 min ⁻¹

For all surgical applications

Durable, ergonomic and robust. W&H surgical straight and contra-angle handpieces have been specially designed for oral and maxillofacial surgery and implantology. The high-quality stainless steel with special coating makes them particularly robust.



Fatigue-free operation

The new ergonomic design is perfectly coordinated to all the application possibilities and prevents fatigue.



Optimal illumination

Thanks to its being half the size of a normal LED, the mini LED+ can be integrated very close to the tip and offers optimal illumination.



Variable cooling

There are spray clips available for the left and right. This means that for the first time cooling can be adapted to the individual requirements.



Scratch-resistant surface

The unique coating protects the straight and contra-angle handpiece from scratches. This facilitates cleaning and preserves the value.



Hexagon chucking system

The hexagon chucking system developed and patented (EU, USA) by W&H ensures safe use even at high torques.



Perfect cleaning

To satisfy the stringent hygiene requirements, the straight and contra-angle handpieces can be dismantled.

Your advantages at a glance



Scan the QR code with your mobile phone for more information on surgical straight and contra-angle handpieces

Pictures are for illustrative purposes only. Additional equipment and accessories shown are not included as standard.

Surgical straight and contra-angle handpieces with and without mini LED+

- > Fatigue-free working thanks to optimal ergonomics
- > Durable and robust due to high-quality stainless steel and scratch-resistant coating
- > Dismantlable for thorough cleaning
- > Thermo washer disinfectable and sterilizable
- > Wide range for all surgical applications
- > Transmission ratios: 1:1, 20:1, 1:2, 1:2.7

With mini LED+

- > Work with daylight quality
- > Natural reproduction of red tones
- > Independent power supply with integrated generator
- > Longer life compared to conventional halogen bulbs



Surgical saw handpieces

- > Innovative saw blade shape for outstanding cutting performance
- > One drive speed for all 3 saw types
- > Durable and robust due to high-quality stainless steel and scratch-resistant coating
- > For sagittal, oscillating or reciprocal movement
- > Range of saw blades for all surgical applications
- > Low vibration and exceptionally quiet
- > Can be dismantled for thorough cleaning
- > Thermo washer disinfectable and sterilizable



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