

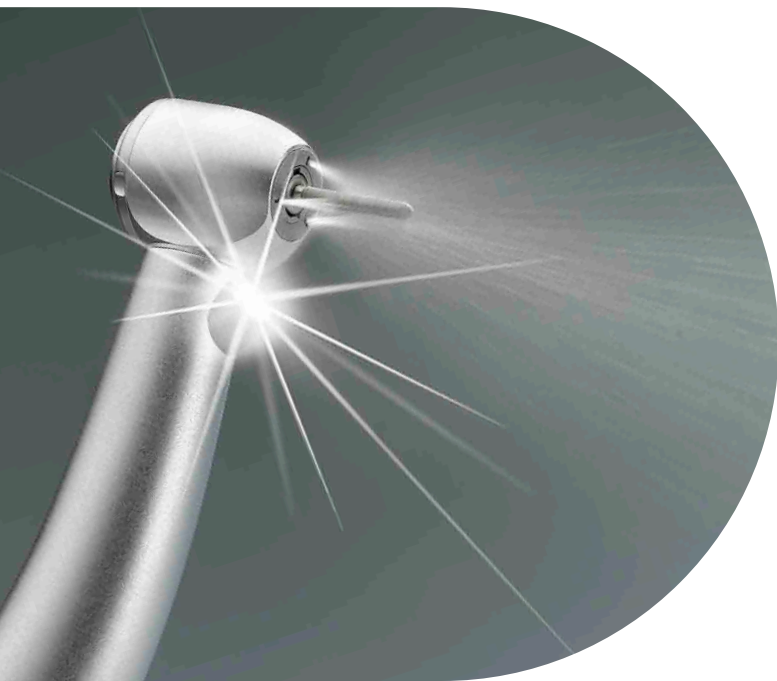


LED's be independent!



alegra led+

Autonomous, strong, flexible – and perfect for your eyes: Alegra LED+



Alegra LED+ turbines now give you all the advantages of LED technology: With a colour temperature of 5,500 K and therefore daylight quality, a colour rendering index over 90 for natural colour reproduction and strong contrasts as well as the highest lumen value – and therefore the best lighting available. Simply attach it to your current unit – and everything instantly becomes clearer. Regardless of whether your dental unit has its own light source.

The reason is small, very powerful and a world first: a generator integrated in the turbine itself that is based on the principle of a bicycle dynamo. Tomorrow's lighting on today's units.

Alegra LED+ turbines are compatible with the most widely available couplings and fixed connections. And for an exceptionally long time thanks to the ceramic bearings which prolong the service life.



Types with LED
Types without light*

Types with LED	TE-97 C LED G	TE-98 C LED G	
Types without light*	TE-97 C	TE-98 C	TE-95
Illumination quality:	LED+	LED+	–
CRI:	> 90	> 90	–
Colour temperature [K]:	5,500	5,500	–
Luminous flux [lumen]:	6.0	6.0	–
Brightness [lux]:	25,000	25,000	–
Head size [Ø mm]:	10.4	12.2	12.2
Power [W]:	14	16	16
Speed [rpm]:	390,000	330,000	330,000
Rotary instruments Ø / max. length [mm]:	1.6 / 21	FG burs according to EN ISO 1797-1:1995 1.6 / 25	1.6 / 25
Ball bearings:	Ceramic	Ceramic	Steel
Spray:	3-output	3-output	1-output

Operating pressure 2.5 – 2.8 bar

Turbines with LED are available for

- > 2[3] Borden > W&H Roto Quick® > NSK QD-J®
- > Standard 4-hole > KaVo Multiflex®

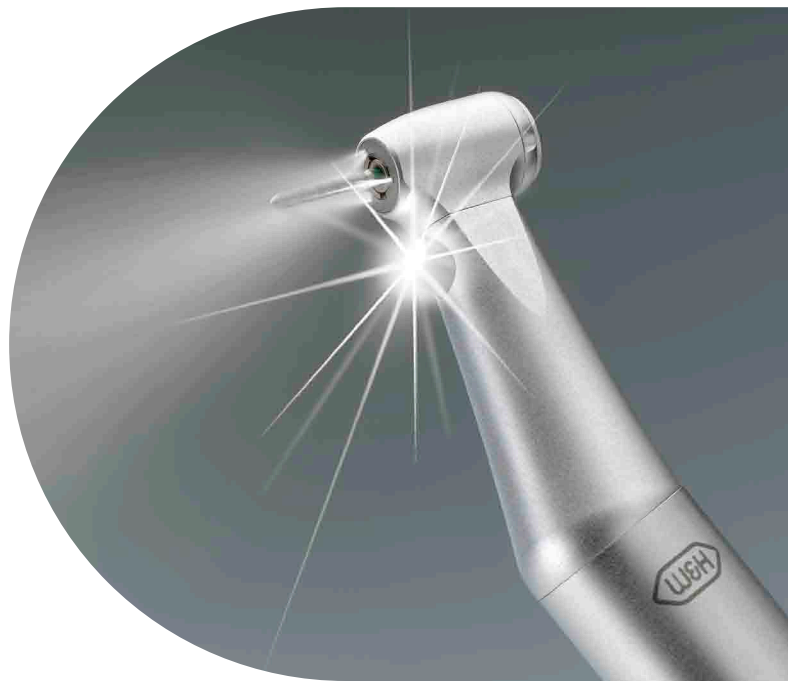
Multiflex® is a registered trademark of Kaltenbach & Voigt GmbH, Germany;
NSK QD-J® is a registered trademark of of NSK NAKANISHI INC., Japan

*The turbines without light are exclusively available with W&H Roto Quick®,
Borden 2[3]-hole or standard 4-hole connections.

Autonomous, robust, manageable: the Alegria LED+ contra-angle handpieces

Of course the Alegria contra-angle handpieces also provide the best daylight quality light with LED+, regardless of whether your motor is fitted with a light supply or not. Just as with our turbines, the contra-angle handpieces in the Alegria LED+ system also come with integrated generators and provide you with all the advantages of W&H LED+ technology: such as perfect illumination with no loss of quality through transmission as the LED source is placed at the head of the instrument.

Alegria contra-angle handpieces will also impress you with their ease of handling and robustness. After all, LED is the light of the future.



Types with LED	WE-99 LED G	WE-56 LED G	WE-66 LED G	
Types without light	WE-99 A	WE-56 A	WE-66 A	HE-43 A
Illumination quality:	LED+	LED+	LED+	—
CRI:	> 90	> 90	> 90	—
Colour temperature [K]:	5,500	5,500	5,500	—
Luminous flux [lumen]:	5.0	5.0	5.0	—
Brightness [lux]:	25,000	25,000	25,000	—
Transmission/ transition ratio:	1 : 4.5	1 : 1	4 : 1	1 : 1
Head size (Ø mm):	10.1	10.1	10.1	—
Head height [mm] with 19 mm burs:	22.3	20.7	20.7	—
Rotary instruments	FG burs	contra-angle burs	contra-angle burs	handpiece and contra-angle burs
Ø / max. length [mm]:	1.6 / 25	2.35 / 34	2.35 / 34	2.35 / 50
Spray:	3-output	1-output	1-output	1-output

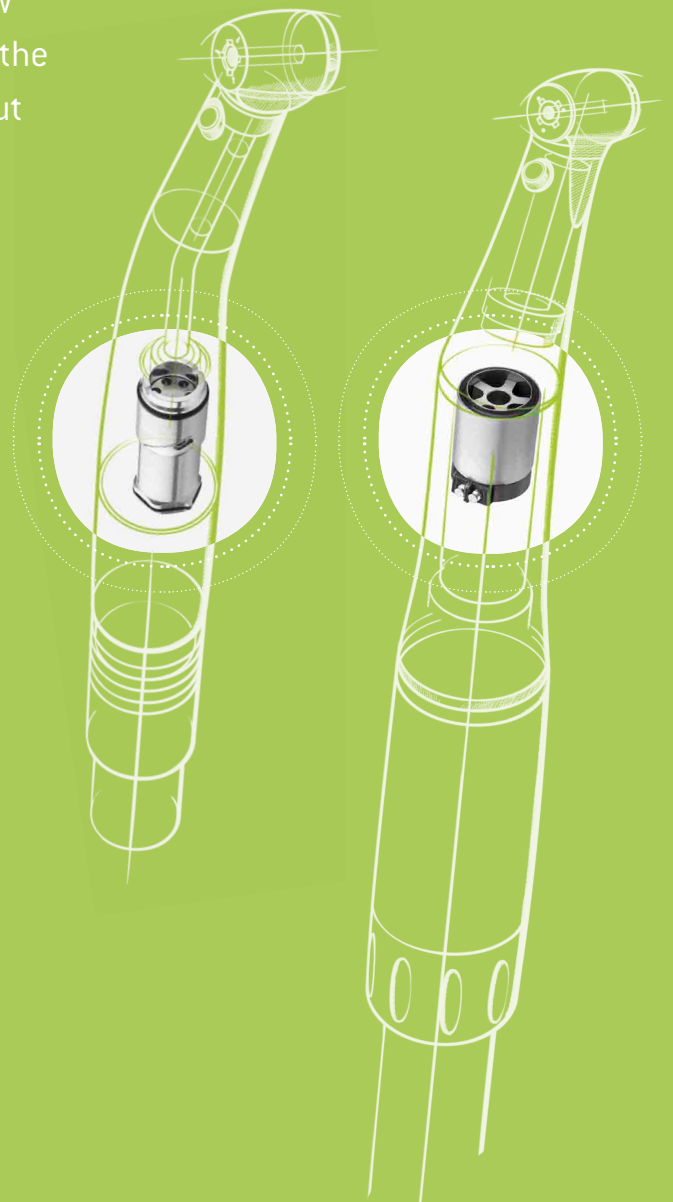
ISO connection for electric motors and air motors

The secret behind the success

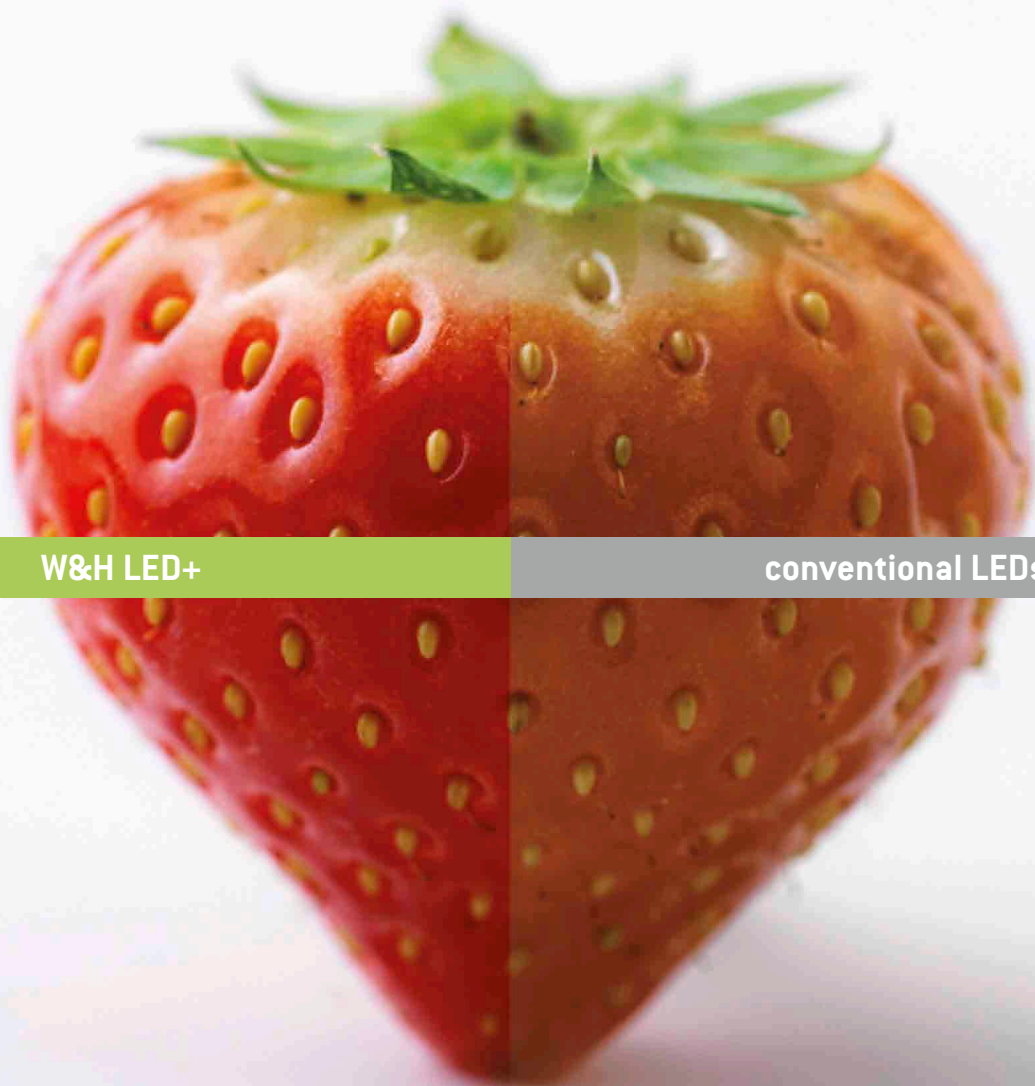
Do you want daylight quality LED light?

From now on you do not even need a unit with an external light supply to achieve this. W&H has created a completely new and fully compatible system with daylight quality LED light for you.

The success has a well-established name: Alegra. The secret: the new generation has an integrated mini-generator as an energy source. Your new Alegra with LED generator is compatible with the most popular systems – even on units without an external light supply.



More colour. More contrast. With LED+!



W&H LED+

conventional LEDs

High colour rendering index (CRI)

Relaxed work thanks to daylight quality light, exceptional reproduction of natural colours and clear colour contrasts. The colour rendering index of artificial light sources is very important because a high CRI value significantly improves

people's sense of wellbeing and ensures greater visibility. Perfect colour rendering has an index of 100. Conventional LEDs only have a CRI of between 60 and 80 and are ineffective in reproducing red tones – a significant disadvantage for many medical applications.

However, Alegria LED+ instruments use a new technology. The result is a CRI of more than 90 which means clear colour contrasts and exceptional reproduction of natural red tones in the mouth.

Pictures are for illustrative purposes only.
Additional equipment and accessories are not included with the item.



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