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# Ultra brilliant

The new Piezo Scalers  
from W&H



proxeo ULTRA



## Ultra rapid clamping

for ultra rapid changing of tips



q-link



### Ultra large tank

The Proxeo Ultra tank has a capacity of 750 ml, making it one of the largest on the market. It fits perfectly into the overall design and can be filled conveniently and cleaned easily thanks to its special shape and wide opening.



### Ultra smooth surfaces

The edge-free design and smooth surfaces allow you to wipe disinfect the Proxeo Ultra with ease.



### Ultra flexible freedom of movement

Changing position is easier than ever before. Position the wireless foot control wherever it suits you best – no more annoying cords!





### Ultra practical fill level detection

The Proxeo Ultra PB-530 warns you in good time when the water is running low. This allows you to integrate the refilling into your workflow conveniently.



### Ultra bright illumination

The LED ring lights up the treatment site with daylight-quality illumination.



### Ultra ergonomic handpiece

Slender design and ultra flexible hose for simple adaptation, perfect balance and even greater user comfort.



### Ultra smooth power setting

The rotary dial makes setting the basic mode particularly comfortable.



# Ultra efficient

## Proxeo Ultra Piezo Scalers

The new Proxeo Ultra Piezo Scalers from W&H were developed in collaboration with prophylaxis professionals and really live up to their name. Exclusive user advantages such as »Q-Link«, the only quick connection system of its kind in the world, and the verified compatibility with pacemakers allow ultra-efficient treatment.



### Ultra rapid changing of tips

The new handpiece of the Proxeo Ultra Piezo Scalers comes with its own proprietary and patented quick connection system. The tip is screwed on and off with just one turn, making changing the tips not only quicker, but also much easier.



**Wioletta Friedrich, B.Sc.**

Dental hygienist

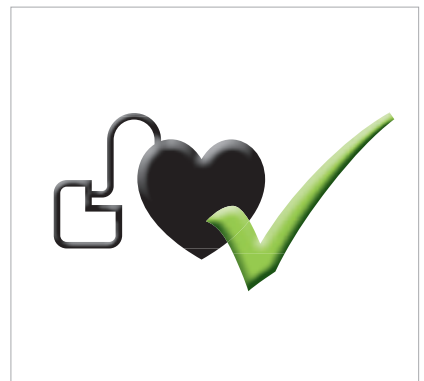
»Without the W&H Q-Link, I feel like I'm back in the Stone Age.«



**Barbara Schwark**

Prophylaxis instructor

»I'm very impressed! It's now clear that the W&H Piezo Scalers are safe for use on patients with cardiac pacemakers without any concerns!«



### Ultra safe feeling

According to an independent study conducted at Graz University of Technology, the new Proxeo Ultra Piezo Scalers can be used on patients with pacemakers without any concerns. That translates to increased safety – for users and patients alike.

# Proxeo Ultra Systems

## PB-530

- › Q-Link quick connection system
- › Compatibility with pacemakers tested by Graz University of Technology
- › Handpiece with LED ring
- › Thin, flexible hose
- › Wireless foot control
- › Automatic fill level detection
- › Infinitely adjustable power setting
- › Perfectly coordinated tip range
- › Large tank (750 ml)
- › Special cleaning program for reprocessing hose systems



## PB-520

- › Q-Link quick connection system
- › Compatibility with pacemakers tested by Graz University of Technology
- › Handpiece with LED ring
- › Thin, flexible hose
- › Infinitely adjustable power setting
- › Perfectly coordinated tip range
- › Large tank (750 ml)



## PB-510

- › Q-Link quick connection system
- › Compatibility with pacemakers tested by Graz University of Technology
- › Handpiece with LED ring
- › Thin, flexible hose
- › Infinitely adjustable power setting
- › Perfectly coordinated tip range



# Ultra as in ultra brilliant

Scaling can be so easy:  
in combination with the wireless foot  
control\*, the ergonomic, light handpieces  
ensure perfect handling and the ultimate  
in flexibility in every treatment.



\* PB-530

## Tip-top selection

The Proxeo Ultra is available with the unique Q-Link quick connection system. In addition, two further handpieces are available with a standard thread. The tip changers with integrated torque control prevent overtightening and make changing the tip simple and safe.



W&H Q-Link



W&H/EMS/  
Mectron

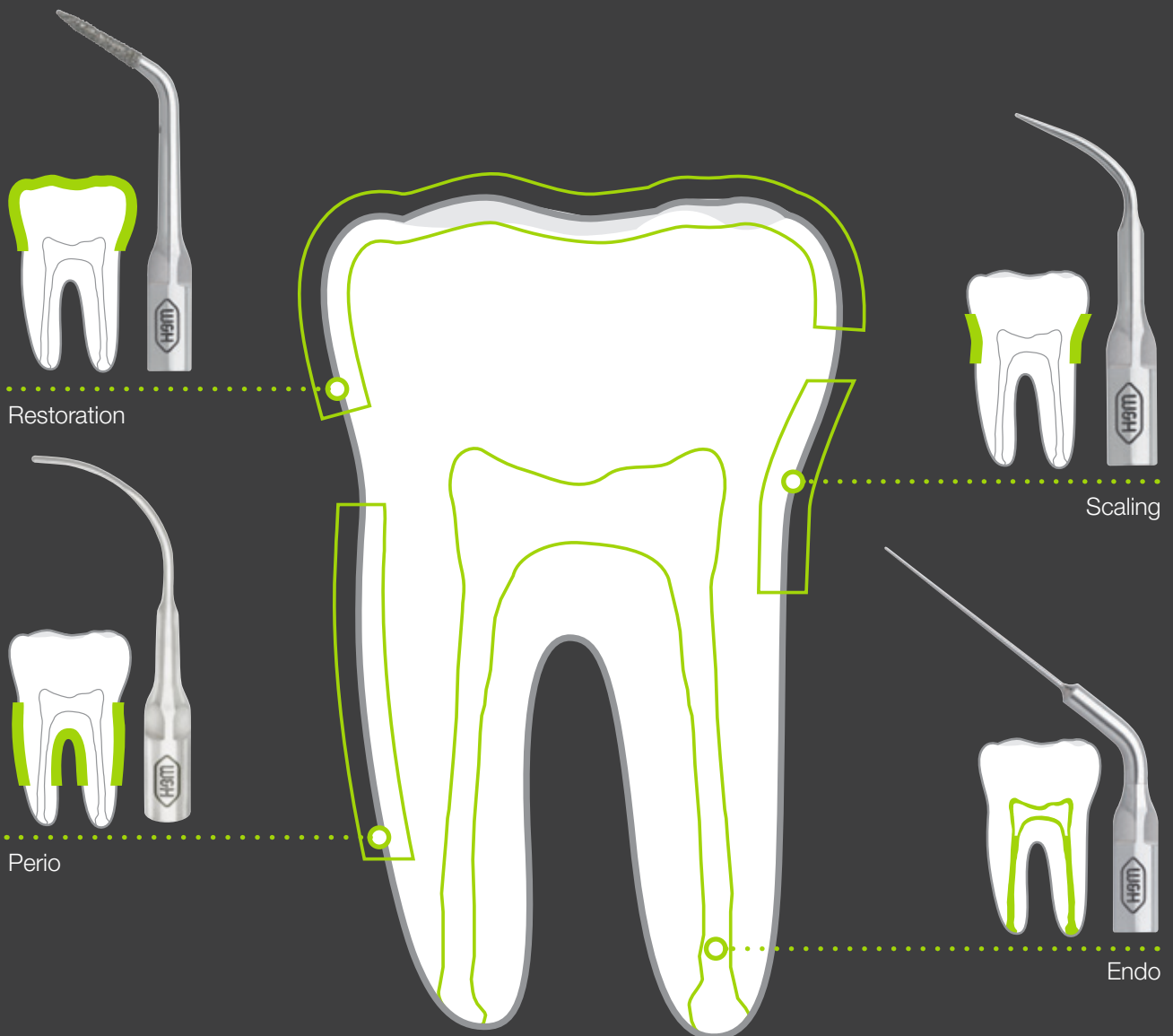


W&H/NSK/  
Satelec



## Diverse range of uses

Thanks to infinitely variable power regulation the W&H Piezo Scalers can be effortlessly adjusted to the particular application and tip. From prophylaxis and periodontology to implant maintenance or endodontics right up to the micro-preparation of restorations, they boasts a particularly diverse range of uses.



# W&H Piezo Scalers

The W&H Piezo Scalers can be optimally integrated into your personalised workflow. Choose the exclusive stand-alone solution Tigon+, a Proxeo Ultra Piezo Scaler or take advantage of a Built-in Solution – convenient integration in your dental unit.



## Tigon+

Exclusive stand-alone solution with warmed fluid for maximum patient comfort.



## PB-530

The W&H Piezo Scaler with wireless foot control for increased freedom of movement and the ultimate in user comfort.



## PB-520/PB-510

The compact models of the Proxeo Ultra Piezo Scalers are certain to be a hit with or without a tank.



## Built-in Solution

Selected unit manufacturers offer W&H Piezo Scalers as an integrated drive solution as part of the complete system. They can be controlled simply and conveniently via your dental unit's control panel. Ask W&H or your unit manufacturer about W&H Piezo Scalers as a Built-in Solution.

## Increased safety for every patient

W&H is the first manufacturer to confirm that Piezo Scalers can be used on patients with pacemakers without any concerns. With an independent expert opinion from Graz University of Technology, users can now rest assured that prophylaxis treatment of patients with pacemakers is safe.



# Compatibility of tips with W&H handpieces

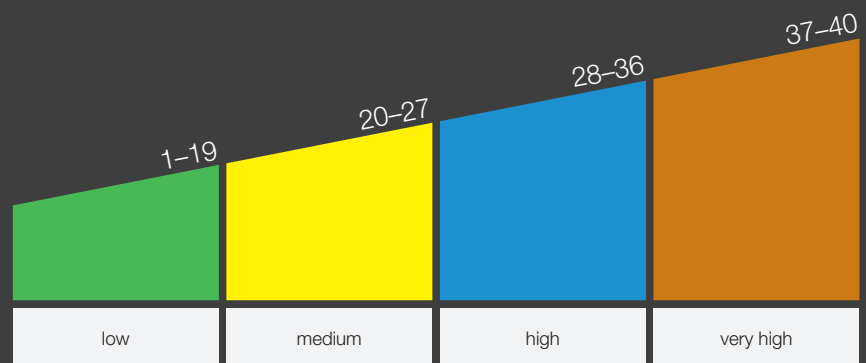
	Q-Link*	W&H/EMS/Mectron			W&H/NSK/Satelec**		
	PB-5 L Q	PB-5 L	PA-1 LED	PB-3	PB-5 L S	PB-3 LED S	PB-3 S
Tigon+			X			X	
Proxeo Ultra	X	X			X		
Pyon 2				X			
Built-in	X	X		X	X		X

\* Q-Link tips (e.g., 1UQ, 2UQ) are compatible with the PB-5 L Q.

\*\* W&H tips with Satelec thread (e.g., 1US, 2US) are compatible with the W&H handpieces PB-5 L S, PB-3 LED S and PB-3 S.

Note: EMS®, Mectron®, NSK® and Satelec® are trademarks of third parties not affiliated with W&H Dentalwerk Bürmoos GmbH. When using tips from other manufacturers, the user is responsible for ensuring the W&H piezo device's performance parameters are set correctly.

## Colour coding system



Display of power level markings  
for W&H tips with Satelec thread




# Technical data

## Proxeo Ultra

Control unit	PB-530	PB-520	PB-510
Mains voltage:	100–230 V		
Maximum output power to handpiece under load (ultrasonic):	12 W		
Frequency (ultrasonic):	22–35 kHz		
Operating mode:	S3 (14 s/6 s)		
Length of handpiece cable:	1,8 m		
Dimensions in mm (W×D×H):	120×185×205		120×185×110
Weight:	1,106 g	1,064 g	807 g
Can be used with foot control:	C-NW	C-NF	

Foot control	C-NW ((•))	C-NF
Weight:	190 g	114 g
Dimensions in mm (W×D×H):	117×117×38	100×110×28
Battery type:	Li-Ion	–
Running time when fully charged:	approx. 2 months	–
Standby:	automatically if not actuated	–
Charging time:	approx. 3 hours	–

Piezo Scaler handpiece 	PB-5 L Q	PB-5 L	PB-5 L S
Light:	LED ring		
Weight:	55 g		
Length without tip:	135 mm (with coupling)		
Diameter:	18.5 mm		

Built-in Set analog	PB-3	PB-5 L Q/PB-5 L
Piezo Controller:	PC-1.0	
Electrical connection set:	✓	
Control knob:	✓	
Supply hose:	VP-3 (1.8 m)	VP-5 (1.8 m)
Handpiece:	PB-3	PB-5 L Q/PB-5 L
Tip changer with tip inserted:	TW-1: 1U, 1P	TQ-1: 1UQ, 2UQ, 1PQ/TW-1: 1U, 2U, 1P



## Bernhard Eder

Product portfolio manager W&H, Bürmoos

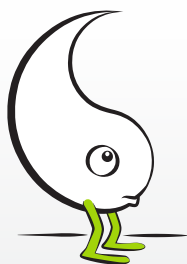
»The dentists and hygienists played a key role in this product. From the requirements to the design to the simplicity of use, the product clearly satisfies the users' needs.«



## Fanny Bretschneider

Dental hygienist, Salzburg

»The Proxeo Ultra Piezo Scaler really lives up to its name. It allows ultra rapid changing of the tips, has an ultra ergonomic handpiece and is ultra flexible in its use, ultra simple to handle and ultra versatile in treatment. In addition, it also looks ultra great!«



Implantology  
without **Periodontology** is  
like **Yin** without **Yang**.



**#NIWOP:** The systematic and evidence-based workflow

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