

PEOPLE HAVE PRIORITY



You won't believe your eyes.



pyon 2

See clearly with LED.

# A piezo scaler with 5 LEDs.

Pyon 2: the piezo scaler with a ring of five sterilizable light emitting diodes in the handpiece. This means: you can work in daylight quality light and within a much larger field of light than is possible with conventional light

sources. This also means: the patient's tooth colour can be reflected exactly and you are able to see contrasts much more clearly. Which altogether makes for more accurate work.



## **Sterilizable LED**

Cleanliness wherever you look. The easy-to-dismantle handpiece, which includes the LED ring, is sterilizable. Additionally, Pyon 2 is supplied with a coolant filter, which guarantees the water is clear. Furthermore, the device has a special rinse function to ensure that stale water is discharged safely and quickly before treatment begins.

## **Safety monitor**

If the tips are not inserted correctly or tightly enough in the handpiece, the device automatically stops operating.

## **Handpiece**

The Pyon 2 handpiece is striking due to its lightweight, ergonomic design and an LED ring made up of 5 light-emitting diodes. This means you can be firmly in control without experiencing any fatigue, allowing you to concentrate on the details without any distractions.

# For four areas of application.

Pyon 2: the LED piezo scaler for use in the areas of scaling, endodontics, periodontology and micro-preparation. Thanks to the new W&H piezo scaler, you can be sure to achieve the best results in all applications. The LED ring in the handpiece allows for much more thorough, precise work.

This not only helps with root canal cleaning but also when you need to remove the crucial micrometre of subgingival concretion. A range of tips perfectly tailored to each individual application is essential for this – and is just as much part of Pyon 2 as the two-year warranty.



## 5 LEDs

Light-emitting diodes are based on semiconductor connections that convert electricity directly into light. This results in robust, sterilizable light sources that barely heat up, are shock-resistant and do not emit any harmful IR and UVA rays whatsoever. Furthermore, LEDs last much longer than traditional light sources. This helps to keep costs the way they should be: down.

## 4 areas of application

Thanks to its easy-to-use control dial, the strength of the Pyon 2 can be adjusted effortlessly according to the area of application and/or tip, whether it is used in endodontics, prophylaxis, periodontics or in cavity treatment.

# Sophisticated tip technology.

The W&H range of tips for the Pyon 2 is a first-class and high quality selection. As well as the universal tips for use in the area of prophylaxis,

the range also includes an innovative ImplantClean tip, which allows for cleaning of the implants, an Endo tip for circulating the rinsing fluid in the root canal



## 1U

Thanks to the new W&H 1U universal tip, sub- and supra-gingival calculus can be removed in all quadrants. This allows the entire treatment to be carried out without the tedious job of changing tips.

## 2U

The visibly longer and narrower 2U tip is particularly well suited for treating recall patients and for fine finishing. It allows for fine scaling of supragingival calculus and the removal of plaque.

## 3U

The 3U universal tip has also been developed for fine scaling in the supragingival region. The tip is also slightly rounded, particularly narrow and short, making it an ideal instrument for cleaning the interdental spaces.

## 4U

For removing large areas of calculus.

## Tip changer

Thanks to the W&H tip changer, tips can easily be attached and removed. When attaching the tip changer, the torque is reached when a distinct click is heard. At the same time, the tip changer also serves as an ideal depository when sterilising the tip.



# For top-quality results in every area.

and a restoration tip, which allows for small decayed areas to be removed. The safety monitor integrated into the Pyon 2 handpiece ensures complete safety during

use: if the tip is fitted incorrectly or too loosely, the device stops automatically.



## 1i\*

For the gentle cleaning of implants: with its plastic surface, the 1i implant tip can be used to clean the prosthetics (e.g. crowns, implants, veneers, bridges) without risk of scratching.

## 1P

Developed for removing concretions which have formed in the subgingival region. The completely new Perio tip is of particular use in the treatment of deep periodontal pockets.

## 1R

The restoration tip with a diamond taper is designed for the opening of the root canal entrance and for the fine preparation of fissures.

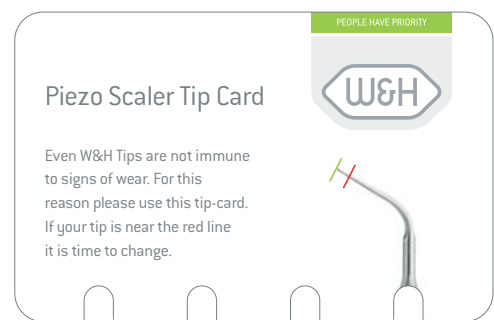
## 1E NiTi\*

For the circulation of rinsing fluid in the root canal which facilitates a better and more thorough cleaning.

\*Available from end of June 2008.

## Tip card

So as to prevent the use of worn tips, all universal tips as and the Perio tip are provided with a tip card, which can be used to measure the level of wear of the individual tips. The wear must not amount to more than 2 mm.



# One handpiece, two options. With or without light.



**The Pyon 2 handpiece without light:** can be dismantled, is sterilizable, easy to clean and has a safety mode: if the tip is not locked, the handpiece stops automatically.

**The Pyon 2 handpiece with LED:** the LED 5-output ring can be detached separately and is sterilizable. The entire handpiece can also be dismantled and is sterilizable. And: the safety mode is also applicable here: if the particular tip has not been fitted securely enough, the handpiece stops automatically.

**Handpiece can be used with or without light.** This is because the Pyon 2 handpiece comes with LED as standard, but it is also supplied with a narrow handpiece cap for occasions where light is not required.

# Pyon 2 – the piezo scaler with LED.



# Technical Data



Device dimensions (w x l x h):	164 x 170 x 77 mm
Device weight:	460 g
Frequency:	27 – 32 KHz
Coolant hose:	2 m
Hose handpiece with coupling:	1,8 m
Handpiece weight:	52,5 g
Max. coolant quantity:	approx. 50 ml/min



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ISO 13485  
93/42/EEC-Annex II