

## Warning

If you've recently had surgery on your teeth or gums, consult your dentist before using the Hydrosonic Ortho. If you experience excessive bleeding after using this device, please contact your dentist immediately. This toothbrush can be used by children and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and user maintenance shall not be made by children without supervision. Children shall not play with the appliance. The Hydrosonic Ortho complies with safety standards for electromagnetic devices. If you wear an implant or pacemaker and have questions about the device, please contact your doctor or the manufacturer of your implant or pacemaker.

## Safety note

**Warning:** For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance. This appliance contains batteries that are non-replaceable. Before using, please check that the voltage

stated on the device complies with your local mains voltage. If the Hydrosonic charger or connecting cable is damaged, please do not use or attempt to repair it yourself. The power cord cannot be replaced. If the cord is damaged, the entire device must be replaced. All repairs must be handled by a dealer or our customer service (see Quick Start flyer). Keep the charger away from water, and do not immerse in water or other liquids. Cleaning the charger: Disconnect from the mains before cleaning and reconnect only once the charger is completely dry. Never charge the device unattended.

### Environmentally-friendly disposal

Do not dispose of this product with normal household waste at the end of its service life. Take it to a recycling centre or official collection point. This helps protect the environment. The integrated rechargeable battery contains substances that may endanger the environment. So please take the used handset to an official recycling centre or collection point.



### Proper disposal of this product

Within the EU, this symbol indicates that this product must not be disposed of with household waste. Old appliances contain valuable recyclable materials. They should be recycled in order to prevent harm to the environment or human health through improper waste disposal. Therefore, please dispose of old devices through a proper collection system, or send the device back to where you purchased it for proper disposal. They will then ensure that the device is recycled accordingly.

## Technical data for USB plug

Adapter input: 100-240V, 50/60Hz, 0.2A max.

Adapter output: 5V DC, 600mA

## Technical data for charging station with USB cable

Input: 5V DC, 600mA

Single base, rubber feet

## Technical data for handset

- Battery: lithium-ion (3.7 V, 700mAh)
- Optimal battery charging time: 10 hours
- Operating time per battery charge: approx. 60 mins.  
This is equivalent to 15 days if you brush your teeth for four minutes each day.
- Brushing movements: 22,000, 32,000 to 42,000; the last two feature in three modes each
- Quadrant timer: 30 seconds
- Brushing timer: two minutes
- Automatic switch-off: after four minutes
- Accessories: 1× «sensitive» brush head  
1× «power» brush head  
1× «single» brush head  
1× charger with USB cable  
1× USB plug  
1× travel case  
1× instruction manual  
1× Quick Start flyer

Conformity



## Troubleshooting

Problem	Possible cause	Solution
• The device isn't working	• The device is not charged • The device is not turned on	• Place the handset securely on the charger • Press the on/off button
• Brushing performance is getting weaker	• The device is not sufficiently charged • The brush head is dirty or worn	• Fully charge the device • Clean or change the brush head
• You feel a slight tingling when using the sonic toothbrush	• If you are using a sonic toothbrush for the first time, this is a normal sensation	• You will become accustomed to the sensation after using the sonic toothbrush for a while

# HYDROSONIC ORTHO

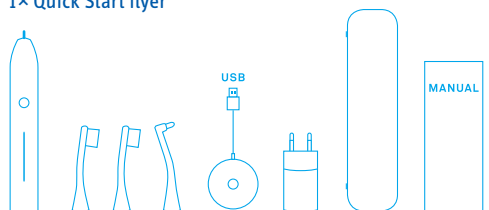
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## Contents

- 1× Hydrosonic Ortho
- 1× «sensitive» brush head
- 1× «power» brush head
- 1× «single» brush head
- 1× charger with USB cable
- 1× USB plug
- 1× travel case
- 1× instruction manual
- 1× Quick Start flyer



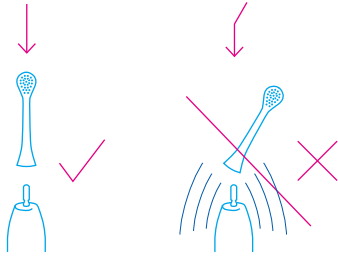
# THE BASICS

## Choose your brush head

- «sensitive» and «power» for normal brushing.
- «single» for contact points with orthodontic devices, from brackets and lingual brackets to retainers; and for caring for the gum line.

The brush heads are easy to attach and remove.

Caution: Do not bend.



## Switch on and off

Press button briefly.

Press briefly:  
on/off



## Mode selection

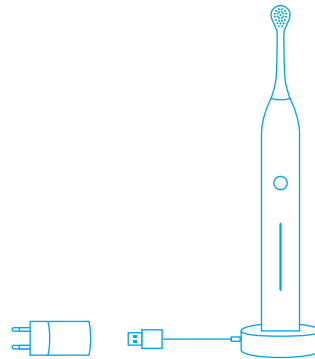
Press and hold button; release at desired mode. When you turn it on, the Hydrosonic Ortho will start on the last selected mode. Bristle movement will automatically and immediately slow down when too much pressure is used.

Press and hold:  
Mode selection



# CHARGING STATUS: ALWAYS AT FULL POWER

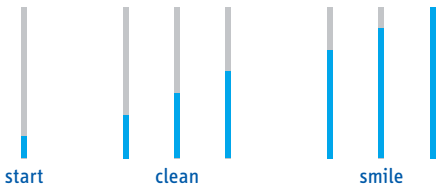
- The Hydrosonic Ortho is delivered 75 % charged. You can use it immediately.
- You can see the charge status when you remove the Hydrosonic Ortho from the charger or switch it off.
- When all seven LEDs on the display light up, the battery is fully charged: the more the LEDs light up, the more charged the battery.
- If the bottom LED is red instead of blue, the battery is less than 20 % charged.
- To charge, place the Hydrosonic Ortho into the charger, which should be connected to the mains: plug the USB plug into the charger's USB connection, and plug into the mains. You can also charge the device using the USB port on your laptop or computer.
- Once fully charged, the battery will last a good 60 minutes, which equates to two weeks of brushing for four minutes each day.
- Optimal battery charging time: 10 hours. For extra-long life: Charge your toothbrush only when the battery status falls below 20 % (the red LED will indicate this).
- Always at full power: cleaning performance does not change as the battery runs out. The Hydrosonic Ortho cleans just as well on low battery as when it's fully charged.



**Charging: Use the charger or the USB port on your laptop/computer.**

# THE SEVEN MODES: TRY THEM OUT

Switch on then hold the button: the Hydrosonic Ortho will run through each of its seven modes.



## One «start» mode

We recommend using the «start» mode for cleaning brackets and wires with the «single» attachment. This mode makes over 22,000 movements per minute. The bottom LED will light up. This mode is also suitable for getting used to the slight tingling caused by using a sonic toothbrush.

## Three «clean» modes

Continue to «clean» mode, which has three different intensity modes each with 32,000 movements per minute; a new LED will light up for each mode. Recommendation: use the «sensitive» or «power» attachment.

## Three «smile» modes

Finally, we have three different «smile» modes each with 42,000 movements per minute. An LED will light up for each mode. After that, the modes start over again. Recommendation: Use the «sensitive» or «power» attachment.

## Mode selection

Select your favourite mode by releasing the button when you have arrived at the mode that feels best for you. It will be saved for the next time you brush.

## Interruptions

A short interruption will tell you that 30 seconds have passed. A long interruption means that two minutes have passed. After four minutes, the Hydrosonic Ortho turns off automatically.

Tip: You can brush well at any level. Apart from the «start» level for orthodontic cleaning and getting used to the sensation, all levels are strong enough to provide not only a mechanical but also hydrodynamic clean.

# USING THE BRUSH: THE BEST METHOD

- The brush heads are high-tech, and come with the finest CUREN® filaments. Due to the 42,000 movements per minute, there is an extraordinary amount of stress on the Hydrosonic Ortho.
- So, you should change your brush head at least every three months.
- After using, rinse the brush head and bristles under running water.
- It's great to share with others – but don't share your brush head.

# GETTING IT GOING: WITH FEELING

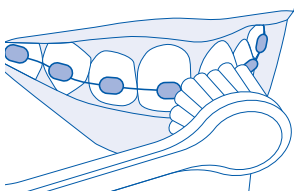
- Choose your favourite level from «clean» to «smile» while holding the brush to your tooth – do it by feel. This ensures brushing will be especially pleasant.
- And yes, try both brush heads, «sensitive» and «power». Which feels best?
- From a cleaning perspective, it doesn't matter which of the three «clean» or «smile» levels you use.

# BRUSHING WITH BRACES: INSTRUCTIONS

Brackets affixed on the teeth create additional niches to clean. Taking good care of these niches is a deciding factor in oral health. Whether you have brackets, lingual brackets or retainers – thanks to the Hydrosonic Ortho, brushing is easy and your teeth stay healthy.

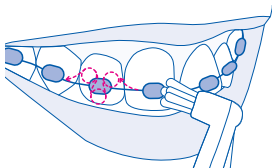
## Basic cleaning

Using the «sensitive» or «power» brush head, go from tooth to tooth between your bracket and gum line, so above or below the bracket only, in one of the «clean» to «smile» levels. This means you're also cleaning your gum line at the same time. Finally, clean the other side of your bracket, moving from tooth to tooth again.



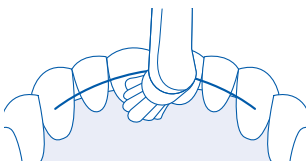
## Brackets

How to clean contact points: Using the «single» attachment, apply minimal movements to go around the brackets, nice and slowly, with almost no pressure, in the «start» mode.



## Lingual brackets and retainers

The same goes for brackets secured to the backs of your teeth. Using the «single» attachment, go nice and slowly along the lingual brackets or retainer with almost no pressure, in the «start» mode. Thanks to CURACURVE®, these areas on the backs of your teeth are easy to reach.

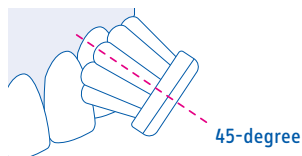


Instructional video: [www.curaprox.com](http://www.curaprox.com)

# BRUSHING AFTER BRACES: INSTRUCTIONS

And after braces? Carry on cleaning thoroughly. You have everything you need: the Hydrosonic, the «sensitive» and «power» brush heads and the «single» attachment.

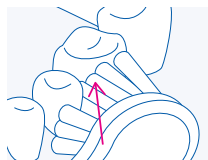
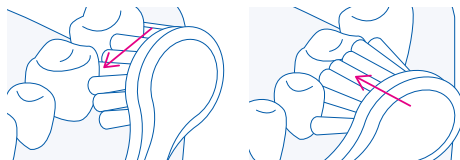
1. Moisten brush head and apply a little toothpaste.
2. Put the brush in your mouth and place it at a 45-degree angle so that the brush is lying gently half on the teeth and half on the gums.



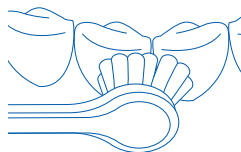
3. Clean from tooth to tooth: Stay on each tooth at a 45-degree angle for two to three seconds. Do not apply any pressure.

## Tilting motion

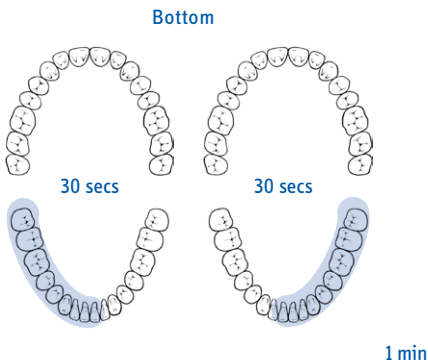
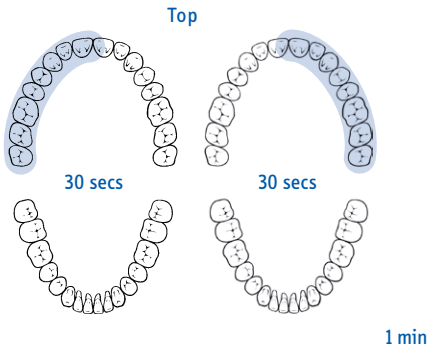
Tilt the Hydrosonic Ortho once or twice, as if trying to insert the bristles between the teeth. Do this very slowly and without applying pressure.



Remain on each tooth for two or three seconds while tilting the brush once or twice to thoroughly clean away build-up.

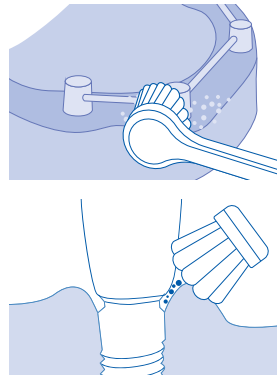


- After 30 seconds, a brief interruption of 0.2 seconds will signal that it's time to move to a different quadrant of your mouth.
- Repeat the cleaning process for all quadrants. Make sure that you always use the same order when brushing so that you don't skip a tooth.

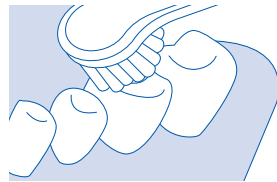


- A long interruption indicates that two minutes have passed. After four minutes, the Hydrosonic Ortho turns off automatically.
- You can clean fitted implants with the Hydrosonic just as you would clean natural teeth. You don't need to worry if you have an implant. Interdental and/or implant brushes are highly recommended because the gum line around implants must be cleaned with special care. Please consult your dentist for advice.

For hybrid implants: the Hydrosonic is ideal for cleaning bars and buttons.



- It's especially important that children and young people also clean chewing surfaces that may have deep trenches. Just as before and using no pressure, move the Hydrosonic from tooth to tooth, from chewing surface to chewing surface, and let the Hydrosonic do its work for two to three seconds each time.



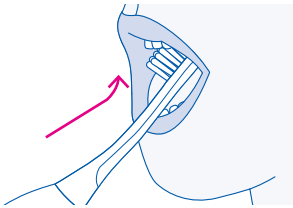
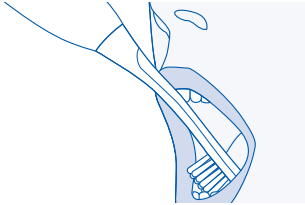
- For fillings, implants, crowns and veneers: Simply use the process described in these instructions.
- According to dental recommendations, you should brush for at least two minutes. Extending this cleaning time will improve oral health. The toothbrush may be switched off at any time.

#### Important

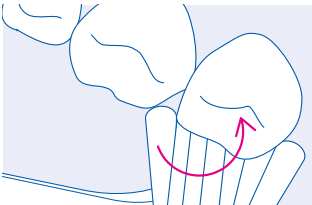
Do not exert any pressure on the toothbrush. To ensure optimal cleaning, place the Hydrosonic Ortho gently onto the surface of the tooth and clean tooth by tooth. This approach will ensure optimal prophylaxis. If your gums become sensitive after the second or third use, you are not using the Hydrosonic Ortho properly. Please read these instructions again carefully or consult your dental hygienist, dentist or orthodontist for advice.

## Special cases

- a. Upper and lower front teeth: Place the Hydrosonic at a 45-degree angle so that you can also clean the backs of your anterior teeth.



- b. Upper and lower molars: Place the Hydrosonic at an angle behind the molar and linger for two to three seconds.



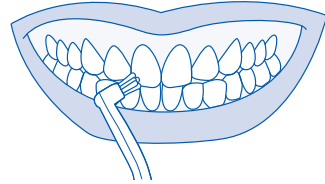
## CLEANING THE GUM LINE: INSTRUCTIONS

The single attachment should really be called the «multi-purpose» attachment, as it has so many different uses.

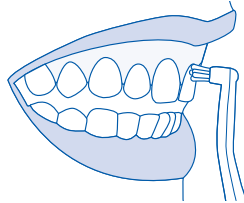
### Cleaning the gum line

A lot of bacteria hides in the narrow furrow between the teeth and gums. The single brush head allows you to clean the gum line intensively yet gently:

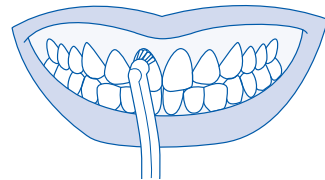
1. Place the single brush on one side of the tooth, perpendicular to the tooth's surface. This doesn't require toothpaste.



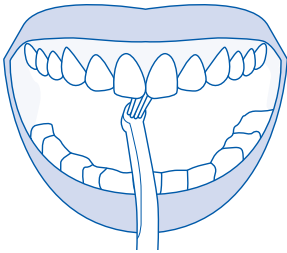
2. The outermost bristles should be able to gently and sensitively enter the gum line a little almost without any pressure at all.



3. Now, move the single brush along the gum line without applying any pressure, moving from one side of the tooth to the other. Always hold the single brush head perpendicular to the surface of the tooth.



4. Proceed in the same way for the back side of the tooth. Place the single brush head at one end of the tooth. Touch the gum line gently and clean the tooth using the same principle you used on the front.

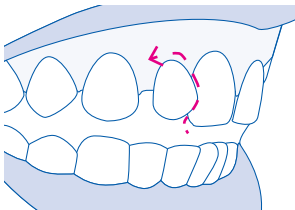


Now move on to the next tooth. Then use either the toothbrush attachment or the single brush head to clean the chewing surfaces.

## THE SINGLE ATTACHMENT: MORE INSTRUCTIONS

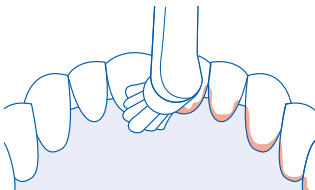
### Awkwardly positioned teeth

For awkwardly positioned teeth, move along the niches and overlaps with other teeth slowly, almost without any pressure at all.



### Extensive tartar build-up

People with especially extensive tartar build-up should move the single brush along the gum line, applying almost no pressure at all, in a «clean» to «smile» level.

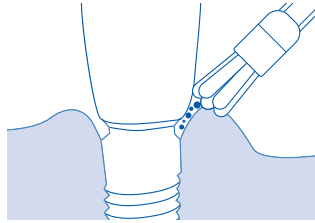


### Implants

To ensure a long life, implants need good care.

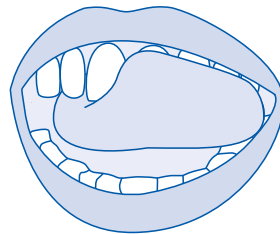
Clean critical areas particularly well and almost without any pressure: the gum line around the implant.

The single brush head is the best tool for this.



### Polishing

Clean each tooth surface with the single brush head, almost without any pressure, and use small circular movements in a «clean» to «smile» level. Use your tongue to feel how smooth and clean your teeth are.





# BACKGROUND: MECHANICAL AND HYDRODYNAMIC

## Effective and gentle

With over 30,000 movements per minute, the «clean» and «smile» modes let you clean more effectively and gently than with a manual toothbrush: It's almost impossible to damage your teeth or gums.

## Your teeth and in between

Thanks to sonic technology, the Hydrosonic Ortho provides an unbelievably thorough clean, not just on teeth and the gum line, but also to an extent in the spaces between your teeth.

## Gum line, pockets

The Hydrosonic Ortho removes millions of biofilm bacteria from the gum line and possible periodontal pockets – thanks to its sonic technology and hydrodynamics.

## Mechanical cleaning

The speed of the bristle movements ensures excellent mechanical cleaning performance.

## Hydrodynamics

This high speed leads to turbulence in the mixture of saliva and toothpaste in your mouth. This turbulence removes lots of biofilm bacteria where the bristles cannot reach, like the spaces between your teeth.

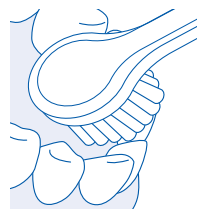
Together with well-designed brush heads, the Hydrosonic Ortho fulfils the highest demands in terms of mechanical and hydrodynamic cleaning.

# BACKGROUND: SMART BRUSHES FOR CLEVER CARE

How good a sonic toothbrush is depends on how powerful it is – and even more important are the brush heads: both the arrangement and quality of the bristles.

## Filaments

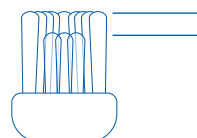
We have been using CUREN® filaments rather than standard nylon bristles from the very beginning. The benefit: CUREN® doesn't absorb water, so performance remains constant. And especially important: CUREN® is incredibly soft and feels wonderful – even at 42,000 movements per minute.



More on page 35

## Arrangement

Professor DMD Ulrich P. Saxer recognised the benefits of the drop shape: it ensures each tooth is cleaned individually, resulting in a high-quality clean. The bristles are also arranged at different heights so that teeth are almost enveloped.

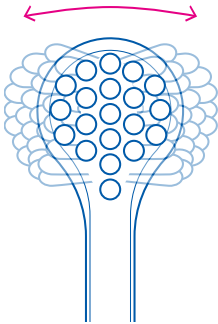


Long on the outside, short on the inside: this filament arrangement makes sure different surfaces of each tooth are reached for optimal mechanical and hydrodynamic cleaning.

## Movement

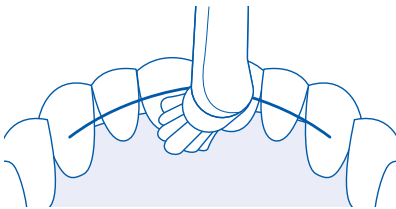
The circular motion of oscillating brush heads can damage the gum line if too much pressure is applied, the bristles are too hard, or if other improper techniques are used. That's why our oral health professionals opted for a simple vertical to and fro. This has three benefits: It's gentle on the gum line. It provides especially good care. And it provides an additional cleaning approach alongside the mechanical – the hydrodynamics.

The filaments move so quickly that the turbulence created moves the mixture of saliva, water and toothpaste in the mouth. This means that areas the filaments can't reach, such as in between the teeth, are also cleaned.



## The special case

Constructed by oral health expert Jiri Sedelmayer as the manual CS single toothbrush, our single attachment is now also available for the sonic toothbrush. The single brush is extremely beneficial as a sonic toothbrush attachment: it lets you easily clean niches and furrows, such as along the gum line and around brackets, to perfection.



## Ergonomics

Yes, our bristle attachments are slightly bent. This curve of 10 or 15 degrees makes a difference: Ergonomics are considerably improved, difficult areas such as behind molars or the backs of the front teeth are easily reached – thanks to CURACURVE®, the perfect curve.



## Comfort

How can we make your brushing experience even more pleasant? Sonic toothbrushes in particular can feel unpleasant when the back of the brush head touches a tooth. Our solution: We have rubberised the back of the brush in a way that does not hinder the brush head's performance. Pleasant, simple, clean.

## Our innovations

We are proud of our innovative Swiss brush head technology – and that we produce our brush heads in Switzerland. And we love it when smart users appreciate our efforts. We are convinced that our brush heads will help you achieve optimal oral health easily and comfortably.

 MADE IN SWITZERLAND

# REORDER: BRUSH HEADS

You can buy brush heads in your pharmacy, chemist's or dental practice or on [curaprox.com](http://curaprox.com).



**power**  
Powerful yet gentle. With our soft CUREN® filaments. For normal gums, or just because you like it. Extra small drop-shaped head for highly precise cleaning, tooth by tooth. Supports the hydrodynamic effect.

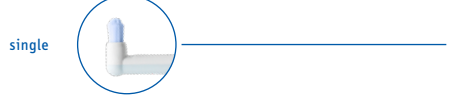
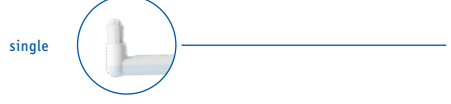
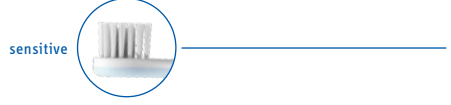
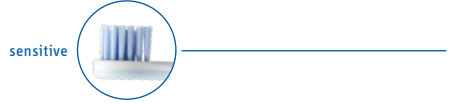
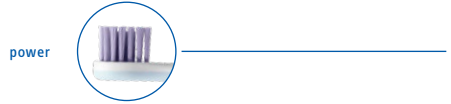
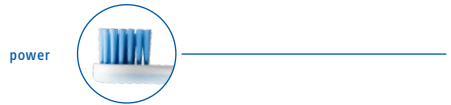
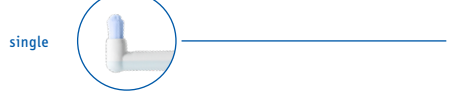
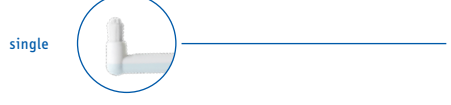
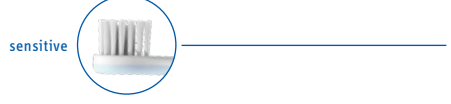
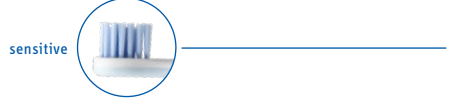
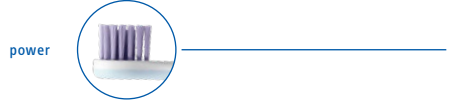
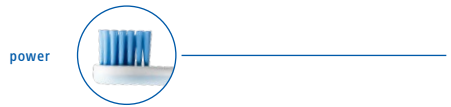


**sensitive**  
Especially gentle yet highly efficient. With extra soft CUREN® filaments. For sensitive gums, periodontitis, or just because you like it. Extra small drop-shaped head for highly precise cleaning, tooth by tooth. Supports the hydrodynamic effect.



**single**  
Extra fine. Cleans in areas where bacteria are particularly well hidden: in the niches between teeth, brackets and wires. And the gum line, too. Almost essential for caring for implants and for reaching poorly positioned teeth. And for polishing tooth surfaces.

This brush head belongs to:



These brush heads were developed together with Professor DMD Ulrich P. Saxer and oral health specialist Jiri Sedelmayer.