Philips Sonicare
ProtectiveClean 4500
Sonic electric toothbrush

Built-in pressure sensor

2 cleaning modes
1 x BrushSync feature

HX6829/14





Healthier gums. Gently does it.

Improve gum health up to 100% more than a manual.

Feel the difference of a gentle clean with our Pressure Sensor while improving your gum health up to 100% more vs. a manual toothbrush.

Proven to improve oral health
- Improves gum health by up to 100%*
- Safe & gentle on sensitive areas, orthodontics & dental work

Optimize your brushing
- Clean and gum care mode

Innovative technology
- Lets you know when you're pressing too hard
- Connects smart brush handle and smart brush heads
- Creates microbubbles that reach deep between teeth

Designed around you
- Always know when to replace your brush heads
- Encouragement to brush thoroughly
- A great way to get used to your new toothbrush

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Highlights

Improves gum health



Densely-packed, high-quality bristles give you an extra gentle brushing to remove plaque along the gumline to improve gum health up to 100% more than a manual toothbrush. And, the specially curved power tip makes reaching the teeth at the back of your mouth a breeze.

Clean and gum care mode



Whether you want to focus on removing plaque or on getting your gums healthy and keeping them that way, this brush has a mode for you: Clean mode delivers superior cleaning, while Gum Care mode adds an extra minute of reduced-power brushing, so you can gently massage your gums.

Safe and gentle



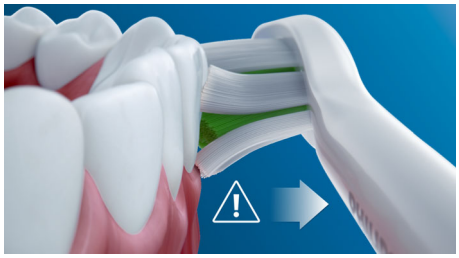
You can be sure of a safe brushing experience: our sonic technology is suitable for use with braces, fillings, crowns, and veneers, and helps prevent cavities and improve gum health.

The only true sonic technology



Your Sonicare brush head and handle are the ultimate team. Enhancing our sonic technology, they give you unrivaled cleaning. High-speed vibrations in your toothbrush handle power up to 31,000 brush strokes per minute that whip up your toothpaste into plaque fighting bubbles, driving them deep between your teeth and along the gum line for exceptional cleaning.

Too much pressure?



You may not notice if you're brushing too hard, but your toothbrush will. If you start taking it out on your gums, the toothbrush will make a pulsing sound as a reminder to ease off on the pressure.

BrushSync technology



A microchip-enabled technology that detects and synchronizes the smart brush head with the smart handle. The smart handle and smart brush head pair is a powerful combination that enables Smart replacement reminders.

BrushSync replacement reminder



All brush heads wear out over time. But our BrushSync technology tracks how long you've been using your brush head for, and how hard you've been brushing. When it's time to replace it, a light on your handle and a short beep will let you know. That way, you can be sure your brush head is doing a good job.

Helpful timers



Our QuadPacer lets you know when you've spent just the right amount of time cleaning each part of your mouth, while our Smartimer tells you when you've brushed for the recommended two minutes.

Easy-start program



Starting something new can take getting used to. That's why our easy-start program gives you the option of a gradual, gentle increase in brushing power the first 14 times you use your new toothbrush.

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Specifications

Modes
- Clean: For exceptional everyday clean
- Gum Care: Gently massages gums

Items included
- Handles: 1 ProtectiveClean
- Brush heads: 1 G2 Optimal Gum Care
- Charger: 1

Design and finishing
- Color: White and Light Blue

Cleaning performance
- Speed: Up to 31,000 brush strokes/min
- Performance: Removes up to 7x more plaque*
- Health benefits: Helps improve gum health, Helps reduce cavities
- Pressure feedback: Vibrates handle to alert user
- Timer: Smartimer and Quadpacer

Smart sensor technology
- Pressure sensor: Alerts when brushing too hard
- BrushSync Replacement Reminder: Always know when to, replace brush heads

Ease of use
- Handle compatibility: Easy click-on brush heads
- Replacement reminder: To always ensure best results, reminder icon lights up
- Battery indicator: Light shows battery status
- Handle: Slim ergonomic design
- Brushing time: Up to 2 weeks

Technical specifications
- Battery: Rechargeable
- Battery type: Lithium ION
- Operating time (full to empty): Up to 2 weeks

Power
- Voltage: 110-220 V

Service
- Warranty: 2-year limited warranty

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* than a manual toothbrush