

# PHILIPS

## sonicare

Sonic electric  
toothbrush

ProtectiveClean  
4500

Built-in pressure sensor

2 cleaning modes

1 x BrushSync feature

HX6830



## Whiter teeth. Gently does it.

Whitens teeth in just 1 week.

Feel the difference of a gentle clean with our Pressure Sensor while whitening your teeth in 1 week.

### Proven to improve oral health

- Safe & gentle on sensitive areas, orthodontics & dental work
- Whitens teeth in just one week

### Designed around you

- Easy start program builds your Philips Sonicare routine
- Encouragement to brush thoroughly
- Makes traveling easier for you

### Innovative technology

- Lets you know if you're pressing too hard
- Always know when to replace your brush heads
- Philips Sonicare's advanced sonic technology
- Connects smart brush handle and smart brush heads

### Optimize your brushing

- Clean and white mode

# Highlights

## Naturally whiter teeth



Click on the W2 Optimal White brush head to remove surface stains and reveal a whiter smile. With its densely packed central stain-removal bristles, it's clinically proven to whiten teeth in just one week.

## Clean and white mode



Whether you want to focus on removing plaque or on giving your teeth an extra good polishing, this whitening electric toothbrush has got you covered. Clean mode delivers superior cleaning, and White is ideal for removing surface stains.

## Philips Sonicare technology



Philips Sonicare's advanced sonic technology pulses water between teeth, and its brush strokes break up plaque and sweep it away for an exceptional daily clean.

## Monitor your brushing pressure



Brushing too hard can damage your teeth and gums. To prevent this, your Philips Sonicare ProtectiveClean emits a gentle pulsing sound to remind you to ease off on the pressure.

## Helpful timers



Need an electric toothbrush with a timer? 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.

## 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



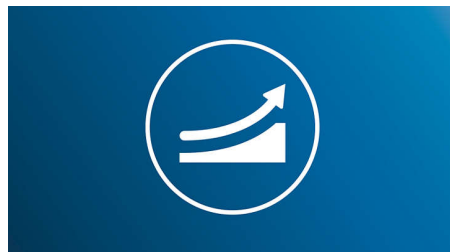
All brush heads wear out over time. But our BrushSync technology tracks how long you've been using your brush head for, and how hard you've been brushing. When it's time to replace it, a light on your handle and a short beep will let you know. That way, you can be sure your brush head is doing a good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

## 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.

## Ease into your new routine



Starting something new can take some getting used to. Our easy-start program gives you the option of a gradual, gentle increase in brushing power with the first 14 uses with your new toothbrush.

# Specifications

## Power

Voltage: 110–220 V

## Technical specifications

Battery: Rechargeable

Operating time (full to empty): Up to 2 weeks

Battery type: Lithium ION

## Design and finishing

Color: Black Gray

## Service

Warranty: 2-year limited warranty

## Ease of use

Battery indicator: Light shows battery status

Handle: Slim ergonomic design

Handle compatibility: Easy click-on brush heads

Brushing time: Up to 2 weeks

## Items included

Handle: 1 ProtectiveClean

Charger: 1

Brush heads: 1 W2 Optimal White

Travel case: 1

## Cleaning performance

Speed: Up to 62000 brush movement/min

Health benefits: Helps reduce cavities

Performance: Removes up to 7x more plaque\*

Whitening benefits: Whitens teeth in 1 week

Timer: Quadpacer and SmarTimer

Pressure feedback: Vibrates handle to alert user

## Modes

Clean: For exceptional everyday clean

White: Removes surface stains

## Smart sensor technology

BrushSync Replacement Reminder: Always know when to, replace brush heads

Pressure sensor: Alerts when brushing too hard

