

# PHILIPS

## sonicare



Sonic electric  
toothbrush

ProtectiveClean 5100

Built-in pressure sensor

3 modes

4 brush heads

2 travel cases



HX6452/72

## 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

- Up to 7x more plaque removal than a manual toothbrush
- Safe & gentle on sensitive areas, orthodontics & dental work
- Whitens teeth in just one week

### Designed around you

- 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
- Connects smart brush handle and smart brush heads
- Philips Sonicare's advanced sonic technology
- Help keep your Sonicare brush heads clean

### Optimize your brushing

- Choose from three modes

# ProtectiveClean 5100

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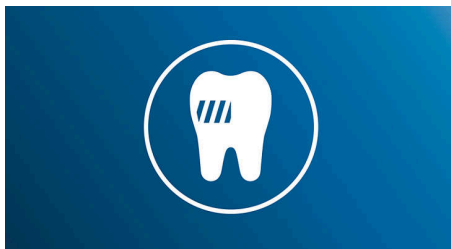
## Highlights

### 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 stainremoval bristles, it's clinically proven to whiten teeth in just one week.

### Say goodbye to plaque

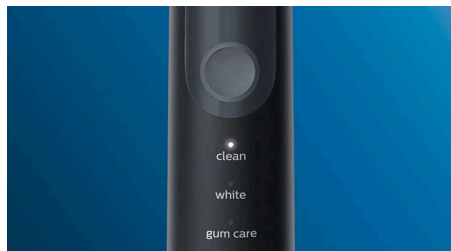


Densely-packed, high-quality bristles remove up to 7x more plaque than a manual toothbrush. And the specially curved power tip makes reaching the teeth at the back of your mouth a breeze.

### UV sanitizer

Keep your brush head really clean with Philips UV sanitizing technology. The UV sanitizer that comes with your ProtectiveClean sonic toothbrush is specifically designed to help kill germs on brush heads. The UV sanitizer also charges and holds your sonic toothbrush.

### Three modes



This toothbrush allows you to customize your brushing to your own needs, with a choice of three modes. Clean mode is standard for superior cleaning. White is the ideal mode for removing surface stains. And 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.

### 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.

### 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.

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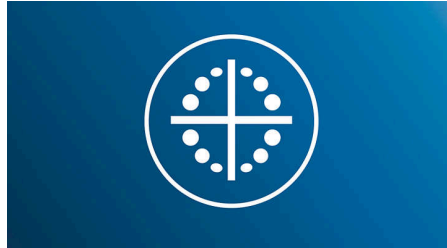
## Highlights

### 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



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.

### Handy travel case and charger



Our premium travel case lets you store your toothbrush hygienically, while our compact charging base keeps you topped up when you're on the go. You do get two weeks of regular use from a single full charge, but the charger's just the ticket for longer trips.

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## Specifications

### Power

Voltage: 110-220 V

### Technical specifications

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

Battery: Rechargeable

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: 2 ProtectiveClean

Travel case: 2

Charger: 1

Brush heads: 2 W DiamondClean standard, 2 C2

Optimal Plaque Control

UV sanitizer: 1

### Cleaning performance

Performance: Removes up to 7x more plaque\*

Health benefits: Improves gum health in only two weeks, Helps reduce cavities

Timer: Quadpacer and SmarTimer

Pressure feedback: Vibrates handle to alert user

### Modes

Clean: For exceptional everyday clean

Gum Care: Gently massages gums

White: Removes surface stains

### Smart sensor technology

Pressure sensor: Alerts when brushing too hard

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

BrushSync Technology: Connects smart handle and, smart brush head

