

Sonic electric toothbrush

ProtectiveClean 6100

Built-in pressure sensor

3 modes, 3 intensities

2 x BrushSync features

Travel case



HX6877/21

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

• Gentle on sensitive areas, orthodontics & dental work

Designed around you

- Makes traveling easier for you
- 2 minute brushing time recommended by dentists

Innovative technology

- Lets you know if you're pressing too hard
- Connects smart brush handle and smart brush heads
- The Sonicare 6100 tells you when to change brush heads

Optimize your brushing

- Brush heads select the optimal mode and intensity
- Choose from 3 modes

For exceptionally whiter teeth

• Whitens teeth in just one week

Sonic electric toothbrush

Highlights

Safe brushing experience



A good electric toothbrush for braces. The Sonicare ProtectiveClean 6100 can also be used on fillings, crowns, veneers and other sensitive orthodontics.

Customize your brushing



Three modes. Three intensities. Customize your brushing to your cleaning preferences with the Sonicare ProtectiveClean 6100. 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.

BrushSync for the right mode



Switching brush heads for a different style of brushing? No problem. The base of your Sonicare 6100 recognizes the type of head it is connected to and automatically adjusts to the correct intensity mode for the brush.

Prioritizes your oral hygiene



Your brush head and base will sync-up to remind you when it's time to replace the head with a simple short beep and a handle light.

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 mode pairing and Smart replacement reminders.

Smart functionalities



With a gentle pulse reminds you to change to a new part of your mouth, and signals when 2 minutes of brushing time is up. This sonic electric toothbrush gives you the most optimal brush, every time.

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.

Sonic electric toothbrush HX6877/21

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: White Silver

Service

Warranty: 2-year limited warranty

Ease of use

Handle: Slim ergonomic design

Handle compatibility: Easy click-on brush heads Battery indicator: Light shows battery status Brush head recognition: Syncs with optimal mode

Brushing time: Up to 2 weeks

Replacement reminder: To always ensure best

results, reminder icon lights up

Items included

Handle: 1 ProtectiveClean

Travel case: 1

Brush heads: 1 W DiamondClean

Charger: 1

Cleaning performance

Health benefits: Improves gum health in only two

weeks, Helps reduce cavities

Speed: Up to 62000 brush movement/min

Timer: Quadpacer and SmarTimer

Pressure feedback: Vibrates handle to alert user

Modes

Clean: For exceptional everyday clean

3 intensities: Low, Medium, High Gum Care: Gently massages gums

White: Removes surface stains

BrushSync Mode Pairing

C2 Optimal Plaque Control: Pairs with Clean mode G2 Optimal Gum Care: Pairs with Gum Care mode

W DiamondClean: Pairs with White mode

Smart sensor technology

BrushSync Replacement Reminder: Always know

when to, replace brush heads

Pressure sensor: Alerts when brushing too hard BrushSync Technology: Connects smart handle

and, smart brush head

© 2025 Koninklijke Philips N.V. All Rights reserved.

Specifications are subject to change without notice. Trademarks are the

without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

Issue date 2025-04-15 Version: 8.8.1

UPC: 0 75020 07048 7



* Removes up to 7x more plaque vs. a manual toothbrush