

Supermouth®

ultim8™

SmartBrush System

user manual



welcome

you deserve the ultimate
brushing experience

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ultim8™

**the perfect integration of form and function
for the ultimate brushing experience**

SuperMouth's ULTIM8 SmartBrush system is the
pinnacle of oral care technology and design.

Combining cutting-edge technology with unparalleled design,
this system offers a sleek, modern, and artistically crafted
addition to your bathroom counter.

Designed by leading dentists and medical experts, it delivers a
superior cleaning experience scientifically-engineered to cater to
your oral health needs.

what's in the box



ULTIM8 Sonic SmartBrush



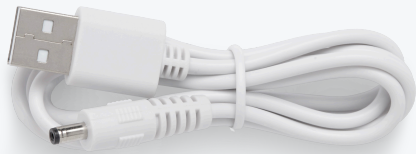
(2) brush heads



SmartMag™ charger



ULTIM8 SmartHub



USB cord



USB wall charger



travel SmartCase™ (sold separately)

the **ULTIM8 Sonic SmartBrush** with 8 Smart Features for the ultimate brushing experience

1

revolutionary patented **SuperBristles Pro** conform to the contours of your teeth and gum-line for unparalleled cleaning

2

super-soft PBT-bristles provide 3x more bristles than the industry norm, cleaning up to 40x more plaque

4

waterproof so you can brush while in the shower

6

dual sonic modes:
super and sensitive

8

wireless charging via SmartMag and lights to indicate charging status

3

stylish & ergonomic design looks as good on your bathroom counter as it feels in your hand

5

pressure sensor prevents over-brushing providing real time feedback for optimal pressure

7

SmartTimer has automatic shut-off and 30 second quad reminders.



SuperBristles Pro! 3x the industry norm

adaptive cleaning. super-soft bristles form around your teeth creating a custom experience the more you brush



replaceable brush head. the brush head should be replaced every 6 weeks

pressure sensor
light

power button/power
indicator light

indicator lights for
charging and modes



CLEANS UP TO
40X
MORE THAN A
MANUAL BRUSH*

welcome to your **ULTIM8 SmartHub** with 8 Smart Features for unparalleled hygiene and convenience

1

stylish & ergonomic design looks sleek
on your bathroom counter

2

dual function rinse cap provides
protection for your brush as well
as a rinse solution

4

built-in dryer eliminates
moisture for a dry, clean
brush every time

6

easy cleaning with a removable
cover on the base

8

versatile charging options include SmartMag,
adaptive charger in base, and travel SmartCase
(sold separately)

3

UV sanitizer effectively eliminates
99.9% of germs in 5 minutes

5

germ-free storage of your
ULTIM8 Sonic SmartBrush

7

charging indicator lights
remind you of charging status



SmartHub highlights: a seamless, germ-free brushing experience



imprUV your brush game

- UV sanitizer effectively eliminates 99.9% of germs in 5 minutes, ensuring your toothbrush is always ready and clean
- an intuitive indicator light changes from blue to red to signal complete sanitization -- offering peace of mind and a germ-free brushing experience after each use



give your brush a blow out

SmartHub dryer dries your brush to

- prevent moisture buildup
- enhancing hygiene
- extending its lifespan
- ensures your brush is in optimal condition for every use

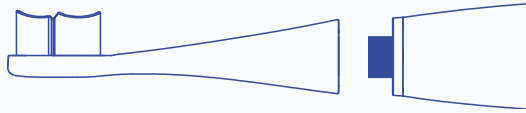


caps off to easy rinsing

- dual function cap/rinse cup cleverly combines a protective cover with a practical rinse cup
- features a notch design and tactile feedback for easy and correct attachment

getting your **SmartBrush** system started

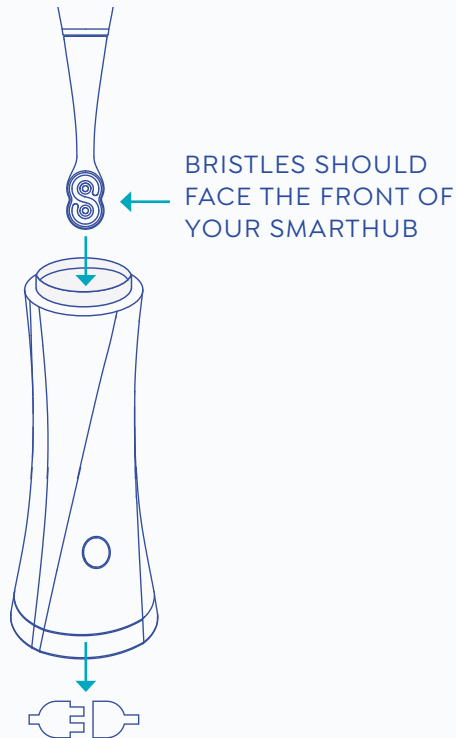
1



attach the brush head

- remove brush head from the packet (if not already attached)
- attach by sliding head onto the metal rod of the SmartBrush handle
- store the additional brush head in the packet; replace in 6 weeks

2



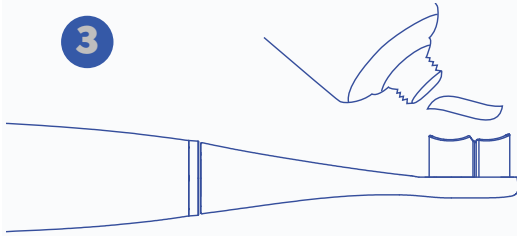
fully charge your devices

Your SmartBrush and SmartHub were fully charged at the factory, but may have lost some power in transit.

1. remove the cap from the SmartHub
2. place the SmartBrush upside down and insert into the SmartHub; make sure the bristles face the front of your SmartHub
3. plug the charger cable into the wall charger
4. insert the other end into the back of the SmartHub
5. replace the cap, aligning the nodules until it snaps in place

The ring at the base of your SmartBrush will pulse red while charging and turn solid red when fully charged.

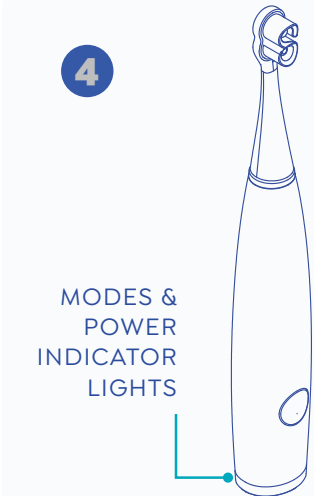
Red light was chosen to avoid disrupting melatonin during nighttime, ensuring a restful sleep.



apply toothpaste

- always rinse the brush head
- apply a pea-size amount of toothpaste to the bristles
- put the brush head into your mouth before turning on the brush (to avoid spraying paste around your bathroom!)

For best results, use with SuperMouth MouthPaste.



select your preferred mode

- to turn on/off your SmartBrush, press the power button
- the ULTIM8 Sonic SmartBrush has two modes designed to effectively clean your teeth
- to switch modes, turn the toothbrush on and press the button within 10 seconds; the sequence for mode switching is: first mode > second mode > off > first mode

SUPER

operates at full power to deliver a vigorous and thorough cleaning. in this mode, the bottom of the handle turns white

SENSITIVE

reduced sonic vibrations create a gentler cleaning experience for those with sensitive teeth and gums. in this mode, the bottom of the handle turns blue

the power indicator lights

Your SmartBrush features power indicator lights to help keep your device properly powered.

battery status	power
no light - brush stops working	less than 10%
red light flashes 10 times for 10 seconds	10%-30%
no light	30%-100%

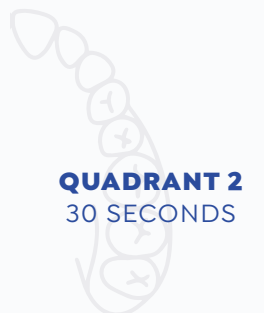
charging indicator	battery status
off	less than 10%
red light flashes slowly	10%-90%
stable red light	90%-100%

5

QUADRANT 1
30 SECONDS



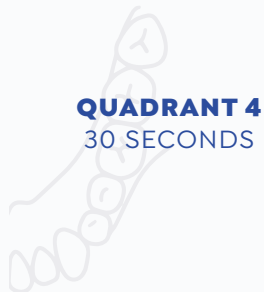
QUADRANT 2
30 SECONDS



QUADRANT 3
30 SECONDS



QUADRANT 4
30 SECONDS



start brushing using the smart timer & pressure sensor

- start with the outside surfaces of the teeth, guiding the brush head slowly from tooth to tooth
- hold the brush head against each tooth for a few seconds before moving on to the next one
- follow along with the shape of each tooth and the curve of the gums -- made easy with your new brush head designed to hug every curve

about the smart timer

- while brushing, you'll feel a short pause of the vibration every 30 seconds -- signaling it's time to switch to a new quadrant (this ensures each of the four areas receives equal attention)
- after two minutes, the SmartBrush automatically turns off

**75% of the population suffers from teeth sensitivity
mainly due to abrasive bristles and brushing too hard!**

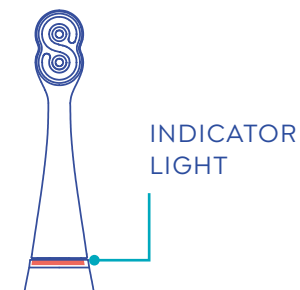
the pressure indicator lights

As you brush, you will notice the indicator light on the neck of your brush will light up providing feedback on your brushing pressure in real time.


TOO MUCH PRESSURE

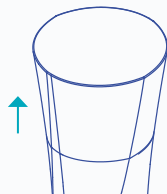

TOO LITTLE PRESSURE


JUST RIGHT



6

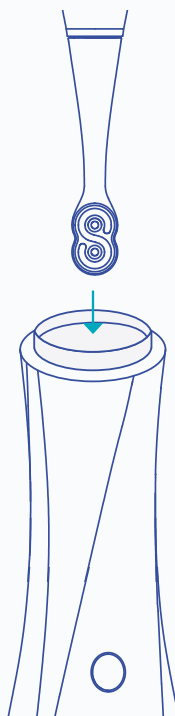
rinse with your SmartHub cap



- your SmartHub cap is the perfect size for water or mouthwash rinse (for best results, use SuperMouth MouthWash)
- pull up on the cap to remove
- rinse the cap before and after use

7

sanitize in your SmartHub



- rinse brush head and remove any excess water off the head and handle (either by shaking or wiping with a cloth)
- place the entire brush into the top of the SmartHub upside down with bristles facing the front of the SmartHub
- replace the cap
- the SmartHub light will turn blue for 5 minutes while it is sanitizing and will turn solid red when complete

store, dry and recharge in your SmartHub

- store your SmartBrush in the SmartHub between brushings - this will keep your brush free of bathroom germs
- your SmartBrush will charge to full power
- your SmartBrush will dry so it's ready to go (the dryer will stay on for 24 hours and then auto shuts off for safety reasons)

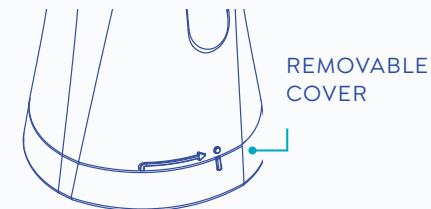
NOTE: always rinse off toothpaste and wipe bristles to remove excess water before placing in the SmartHub to help prevent mold (due to bristle density)

replaceable brush heads

- remove your brush head once a week and clean the area between the handle and tip
- for best results, change your brush head every 6 weeks

cleaning Your SmartHub

- clean the removable cover at the bottom of your SmartHub (designed to capture excess water) at least once per week
- once the cover is removed, you can wipe the inside of the SmartHub with a microfiber cloth
- wash your rinse cap once a week with dish soap and warm water



SmartBrush precautions

If the product does not work when using it for the first time, it may be due to insufficient battery power. Please charge the product.

- If the indicator light does not turn on within 5 minutes of charging, especially if the product is being used for the first time or after a long period of inactivity, this is a normal occurrence caused by insufficient battery power
- If the product does not vibrate or vibrates weakly, ensure it is fully charged as this may be due to insufficient battery power
- If the bristles are deformed or used for more than 6 weeks, it is time to replace the brush heads
- Do not place the product in a place where it is easy to fall
- Install the brush head as instructed; otherwise, the product may be damaged
- Before replacing a new brush head, clean the installation position of the brush head; otherwise, it may be difficult to install the brush head

technical parameters

Rated working voltage: DC3.7V

Rated working power: $\leq 2.0W$

Rated input voltage: The toothbrush part has no nominal value, and the base has a rated input voltage

Rated input power: The toothbrush part has no nominal value, and the base has a rated input power

Static current: $\leq 0.05mA$

Timing: refer to Gear description

Battery type: lithium-ion battery;

Battery specification: 14500, single cell, battery capacity: 700mAh, 2.59Wh

Battery life: ≥ 21 days (first gear, twice a day 2 minutes each)

Working environment temperature: 41-104°. (Nominal method of household medical products)

Motor life: ≥ 150 hours

Vibration: refer to gear description (plus or minus 5% deviation)

Waterproof: IPX7

Noise: $\leq 65dB$ (test under ambient noise less than 50dB, full charge test, test distance 10cm)

Storage temperature: Low temperature: -22°, 4 hours; High temperature: 140°, humidity 90%, 4 hours

Adaptation Product Description: Suitable for C series brush head and WX-6 series charging base (such as SG-4030A&4031A).

Charging time:

SG-4030A ≤ 6 hours

SG-4031A ≤ 6 hours

Battery life: ≥ 30 days (second gear, twice a day 2 minutes each)

SmartHub precautions

function description

- automatic recognition when the handle is placed, removed and the battery is fully charged. Energy saving design is adopted
- wireless charging function.
- USB interface, simple power supply, easy to use.
- the charging base can be magnetically fitted with the matching toothbrush

precautions

- if the product does not work for the first time, the socket may be in poor contact, please replace the socket and try again
- stop using it if anything unusual is found
- do not place the product in a place where it is easy to fall

technical parameters

Rated working voltage: DC5V

Rated working power: $\leq 3.0W$

Rated input voltage: DC5V

Rated input power: $\leq 3.0W$

Static current: $\leq 20mA$

Working environment temperature:
41-104°. (Nominal method of household medical products)

Waterproof: IPX7(equivalent, internal potting)

Storage temperature: Low temperature: -22°, 4 hours;
High temperature: 140°, humidity 90%, 4 hours

Adaptive Product Description: Suitable for SG-2739A
electric toothbrush

Charging time: SG-2739A ≤ 6 hours

warnings

Important safety information.

Read this important information carefully before you use the appliance and save it for future reference.

INTENDED USE

SuperMouth ULTIM8 Sonic SmartBrushes are intended to remove adherent plaque and food debris from the teeth to reduce tooth decay, improve and maintain oral health. SuperMouth power toothbrushes are intended for consumer home use. Use by children should be with adult supervision.

DANGER

Keep the charger, toothbrush and/or sanitizer from water. Do not place or store it over or near water contained in a bathtub, washbasin, sink etc. Do not immerse the charger, toothbrush, and/sanitizer in water or any other liquid. After cleaning, make sure the charger, toothbrush, and/or sanitizer is completely dry before you connect it to the power outlet.



This appliance and its accessories comply with part 15 of the Federal Communication Commission regulations. Operation is subject to the following two conditions; (1) this device may not cause harmful interference, and (2) this device must accept any interference received; including interference that may cause undesired operation.

The End user must follow the specific operating instructions for satisfying RF exposure compliance.

MEDICAL WARNINGS

If you have had oral or gum surgery in the previous 2 months, consult your dentist before you use this appliance.

Consult your dentist if excessive bleeding occurs after using this appliance or if bleeding continues to occur after 1 week of use. Also consult your dentist if you experience discomfort or pain when you use this appliance.

This appliance complies with the safety standards for electromagnetic devices. If you have a pacemaker or other implanted device, contact your doctor or the appliance manufacturer of the implanted appliance prior to use.

If you have medical concerns, consult your doctor before you use this appliance.

This appliance has only been designed for cleaning teeth, gums and tongue. Do not use it for any other purpose. Stop using the appliance and contact your doctor if you experience any discomfort or pain.

WARNINGS

Do not plug into an outlet with voltage other than specified. Voltage converters do not warrant voltage compatibility. For connection to supply not in the U.S.A., use a charger of the proper type and configuration for the power outlet.

Keep the charger and/or sanitizer away from water. Do not place or store the appliance where it can fall or be pulled into a tub or sink.

Do not immerse the charger and/or sanitizer in water or any other liquid.

After cleaning, make sure the charger and/or sanitizer is completely dry before you connect it to the wall socket.

This appliance 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 maintenance shall not be done by children without supervision.

This appliance is not a toy, children shall not play with the appliance.

Always keep the sanitizer out of the reach of children.

Do not touch or eye the UV light of the sanitizer when in use, UV light can be harmful to the human eye and skin. The UV light bulb of the sanitizer is hot during and immediately after the sanitizing cycle. Do not touch the UV light bulb when it is hot.

If the appliance is damaged in any way (brush head, toothbrush handle, charger and/or sanitizer), stop using it.

Avoid direct contact with products that contain essential oils or coconut oils. Contact may result in bristle tufts dislodging.

If your toothpaste contains peroxide, baking soda or bicarbonate (common in whitening toothpastes), thoroughly clean the brush head with soap and water after each use. This prevents possible cracking of the plastic.

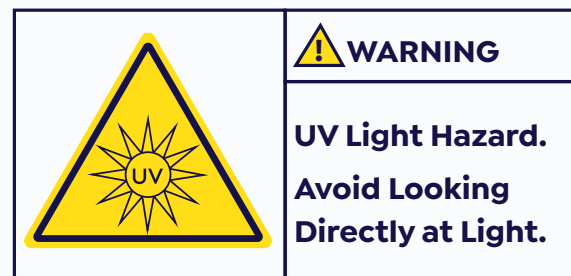
The main cord cannot be replaced. If the mains cord is damaged, discard the charger and/or SmartHub. Always have the charger and/or sanitizer replaced with one of the original types in order to avoid a hazard.

This appliance contains no user-serviceable parts. If the appliance is damaged, contact Consumer Support (844-968-8422 or support@supermouth.com).

Keep the cord away from heated surfaces.

Do not use the charger and/or SmartHub outdoors or near heated surfaces.

Do not insert objects into the air openings of the sanitizer or block these air openings by placing them on a soft surface or in a position or location where objects will block these openings (examples of objects: magazine, tissue paper and hair).



Ultraviolet radiation. Follow instructions.

DANGER-Ultraviolet radiation. Avoid overexposure. As with natural sunlight, overexposure can cause eye and skin injury and allergic reactions. Repeated exposure may cause premature aging of the skin and skin cancer. You MUST avoid exposure to direct or reflected germicidal ultraviolet rays.

CAUTION

Do not clean the brush head, handle, charger, or SmartHub in the dishwasher.

This appliance is a personal care device and is not intended for use on multiple patients in a dental practice or institution.

Do not use other brush heads than the one recommended by SuperMouth.

Stop using a brush head with crushed or bent bristles. Replace the brush head every 6 weeks or sooner if signs of wear appear.

ELECTROMAGNETIC FIELDS (EMF)

This appliance complies with all applicable standards and regulations regarding exposure to electromagnetic fields. The frequency of this product operates at about 580Hz, about 1,500 oscillations per minute.

CLEANING

All parts can be cleaned by damp cloth or rinsed with warm water.

Remove the brush head from the handle and rinse it thoroughly.

Rinse the entire handle, especially the brush head connection, at least once a week.

Do not use isopropyl alcohol, vinegar, bleach, or any other household cleaning products to clean the handle as this may cause discoloration.

Do not clean the brush head, travel cap, handle, charger, SmartHub or travel case in the dishwasher.

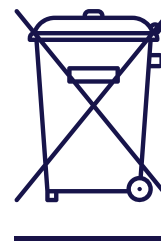
Unplug the charger before you clean it.

Do not use essential oils to clean the brush heads as this can cause damage.

Make sure you clean and dry your bristles after use to prevent mold.

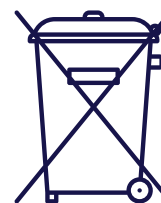
CLEANING THE SMARTHUB

Unplug the SmartHub from the wall plug. Using a microfiber cloth (or microfiber cloth cleaning tool) that is dampen with water (note: do not wet it completely because although the UV light is water resistant, it's not waterproof), gently rub the microfiber cloth over the inside of the SmartHub.



This product shall not be disposed of with normal household waste.

Please take your product to an official collection point or to a service center to have a professional remove the rechargeable battery.



This product contains a built-in rechargeable battery which shall not be disposed of with normal household waste.

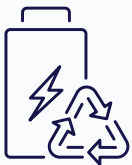
The UV light bulb of the sanitizer contains mercury. Do not throw the UV light bulb away with the normal household waste at the end of its life. Hand it in at an official collection point for recycling.

Follow your country's rules for the separate collection of electrical and electronic products and rechargeable batteries. Correct disposal helps prevent negative consequences for the environment and human health.

REMOVING THE RECHARGEABLE BATTERY

Warning: Only remove the rechargeable battery when you discard the appliance. Make sure the battery is completely empty when you remove it. To remove the rechargeable battery, you need a towel or cloth, a hammer and a flat-head (standard) screwdriver. Observe basic safety precautions when you follow the procedure outlined below. Be sure to protect your eyes, hands, fingers, and the surface on which you work.

1. To deplete the rechargeable battery of any charge, remove the handle from the charger, turn on the toothbrush and let it run until it stops. Repeat this step until you can no longer turn on the toothbrush.
2. Remove and discard the brush head. Cover the entire handle with a towel or cloth.
3. Hold the top of the handle with one hand and strike the handle housing 0.5 inch above the bottom end. Strike firmly with a hammer on all 4 sides to eject the end cap.
4. Remove the end cap from the toothbrush handle. If the end cap does not release easily from the housing, repeat step 3 until the end cap is released.
5. Holding the handle upside down, press the shaft down on a hard surface. If the internal components do not easily release from the housing, repeat step 3 until the internal components are released.
6. Wedge the screwdriver between the battery and the black frame at the bottom of the internal components. Then pry the screwdriver away from the battery to break the bottom of the frame.
7. Insert the screwdriver between the bottom of the battery and the frame to break the metal tab connecting the battery to the printed circuit board. This will release the bottom end of the battery from the frame.
8. Grab the battery and pull it away from the internal components to break the second metal battery tab. Caution: Be aware of the sharp edges of the battery tabs so as to avoid injury to your fingers.
9. Cover the battery contacts with tape to prevent any electrical short from residual battery charge. The rechargeable battery can now be recycled, and the rest of the product discarded appropriately.



This product contains a rechargeable lithium-ion battery which must be disposed of properly.

Contact your local town or city officials for battery disposal information. You can also call 800 822 8837 or visit www.call2recycle.org for battery drop-off locations.

EXCLUSION FROM WARRANTY

The following items are not covered under the warranty,

- Brush heads
- Damage caused by use of unauthorized replacement parts or unauthorized brush heads.
- Damage caused by misuse, abuse, neglect, alterations, or unauthorized repairs
- Normal wear and tear, including chips, scratches, abrasions, discoloration or fading

STORAGE

If you are not going to use the product for an extended period, unplug it from the electrical outlet, clean it and store it in a cool and dry place away from direct sunlight.

Changes or modifications not expressly approved by SuperMouth could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

CANADA:

This device contains license-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- L'appareil ne doit pas produire de brouillage;
- L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**In Vitro Test to Compare the Ability of Toothbrushes to Clean the Interproximal Regions of a Tooth Model. T. Badrock, G. Thomas & G. Withers. Intertek CRS Elm House, Hooton, UK (2024).*

In vitro cleaning efficacy and resistance to insertion test of interdental brushes, Diana Wolff, Daniela Joerss, Paul Rau, C.E. Dorfer, Clin Oral Invest (2006), 10:297-3.

Interdental cleaning helps remove debris and interproximal dental plaque, the plaque that collects between two teeth to reduce the likelihood of gum disease and tooth decay. Interproximal area is the area where the teeth meet.