



ULTRASONIC TOOTHBRUSH

SMILEX[®]
AU-300E

INSTRUCTION MANUAL



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Thank you for your purchase of the Smilex AU-300E. Please take time to read this instruction manual and use the toothbrush correctly.

Please keep this manual for future reference.

Characteristics of the SMILEX® AU-300E

What is the Dual Frequency Ultrasonic Toothbrush?

The Ultrasonic Toothbrush now features 1.6 MegaHertz Ultrasound emitted by a piezo electric crystal in the tip of the brush for outstanding plaque removal. In addition, an electric motor provides a 16K or 18K strokes per minute bristle vibration for comfortable brushing.

Easy to use!

Brush the same way as your dentist recommends to use a manual toothbrush. Wet the brush head, apply toothpaste, and turn on the brush after that you put the brush head into your mouth. Brush your teeth and gums gently until it stops automatically in 3 minutes.

For Additional Brushing information see page 9.

Comfortable to use!

Because of the presence of the Ultrasound, strong manual brushing is not necessary. Even with sensitive gums, like after periodontal treatments, you can still use this brush with the Soft Fine Tipped AU-300-STE brush head.

An antibacterial process applied to the brush head helps to keep the bristles clean.

Take the AU-300E with you when you travel.

When the toothbrush is fully charged (in the charger for 24 hours or more) it will operate for ten days, twice a day. Eventually, when the battery weakens after years of use, you will likely see a reduction of running time and you may want to take the charger with you on longer trips.

Safety warning and cautions

Please read this entire manual before using the brush for the first time.

- The various levels of danger of caused by misuse is explained under the following classifications:



WARNING

To reduce the risk of burns, electrocution, fire, or injury:



CAUTION

Wrong use or handling may cause injury or damage of house or furnitures.

- Definition of 6 marks

	Never Do/Prohibited		Never dismantle or repair
	Follow guidance		Remove plug from the power outlet
	Don't touch with wet hands		Do not expose to water



Warning



Do not use this toothbrush if you have a pacemaker or defibrillator. Do not use the toothbrush next to a person who wears a pacemaker or defibrillator.

If the power cord is broken or frayed, if the plug is broken or loose, or the charger case is broken or cracked, do not plug in the power cord to the electrical outlet. Such a condition can cause electric shock or fire. If the charger is already plugged in when you notice the damage, turn off the circuit breaker controlling the power outlet immediately, before touching and unplugging the power cord. Stop using the toothbrush and contact Customer Service.

Do not connect the plug in any other outlet than the household 120 VAC(Plug Type A)/240 VAC(Plug Type C)current.

The Smilex toothbrush is not intended to be used by infants, babies, or persons who cannot use it by themselves.



Warning



Never attempt to disassemble, repair and modify the equipment. Even if the toothbrush is to be disposed, do not disassemble it. An isolation failure may cause short circuit or fire.



Unplug the power cord if you are not planning to use the toothbrush for two weeks or more.



Keep the replacement brushes out of the reach of children to reduce the risk of choking.



Caution



Do not touch the charger with wet hands or when you are in the bathtub or shower.



Do not place the charger in wet or damp areas, in the shower, or where it can fall into the bathtub. It may cause electric shock.



Do not wash a plugged in charger with water. Unplug it before cleaning, and dry completely before using it again.

Do not insert any other object than the toothbrush handle into the charger. The charger may overheat and cause a fire.

Do not use the charger with a travel converter.



If you are receiving dental treatments, do not stop without first consulting your dentist.

If you have a periodontal disease, please consult your dentist before using this toothbrush.

Caution to users

Handle



Do not leave the handle in water. Water may get inside the handle, causing product failure.



Charger



Do not run water over the charger or submerge it in water. Water may get inside the charger, causing product failure.



Replacement Brush and Massage Head



Do not splash the replacement brush heads and massage head with hot water, or disinfect with boiling water or a chemical disinfectant.



Replacement of Ni-MH Battery

- Batteries cannot be replaced by users. If battery needs replacement, contact Customer Service.

Disposal of Ni-MH batteries.

- For proper disposal, contact Customer Service.

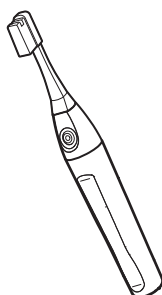
Regarding usage of this product.

If you experience any discomfort while using this (or any other) toothbrush, please consult your dentist. You may have a periodontal problem.

Do not use this toothbrush for any other purposes than brushing your teeth or massaging your gums. To avoid damage to your teeth or gums, never put the bare shaft of the toothbrush directly into your mouth without a brush head or a massage head properly installed. Failure to follow these precautions may result in injury.

What's Included

After you open the box, please check the accessories included.

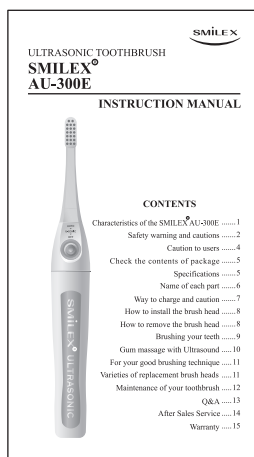


Handle ×1
Brush head AU-300-STE ×1
Brush cover ×1



Charger ×1

Replacement Brush head
AU-300-MHE ×1
Massage head AU-300-MASE ×1



Instruction Manual ×1

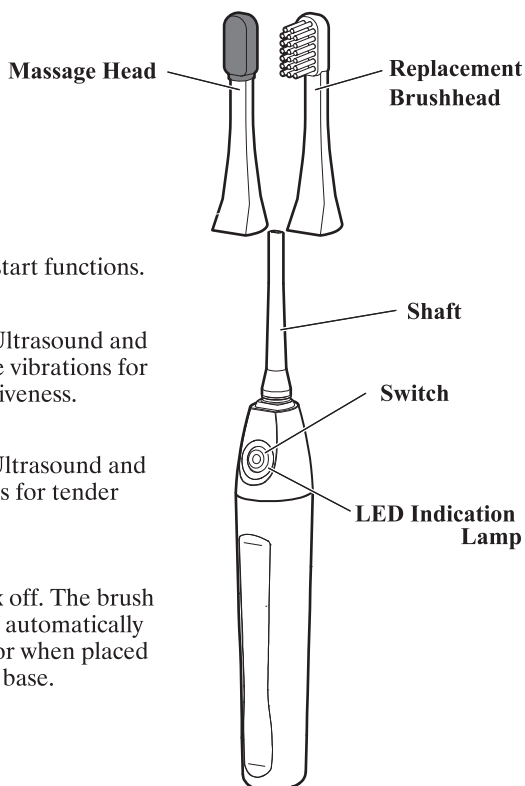
Specifications

Rated Voltage	Plug Type A; AC100 - 120 V	50/60Hz
	Plug Type C; AC200 - 240 V	50/60Hz
Power Consumption	0.8W	
Charging System	No contact, Constant Charging system	
Batteries Used	(Ni-MH) DC4.8V (300mAh)	
Ultrasonic frequency	1.6 MHz (1,600,000 Hz)	
Replacement Brushes	Soft superfine tip (AU-300-STE) Medium flat bristle (AU-300-MHE) Massage Head (AU-300-MASE)	
Power Cord	Approx. 1 m long.	
Size and Weight	Handle of AU-300E 29 mm (W) × 230 mm (H) × 34 mm (D). Approx. 100 gm.	
	Charger	
	70 mm(dia) × 42 mm (H) Approx. 115 gm	

* These specifications are subject to change without notice.

Parts and functions

Smilex AU-300E Handle



Press Switch to start functions.

AUTO

Activates both Ultrasound and Moderate bristle vibrations for maximum effectiveness.

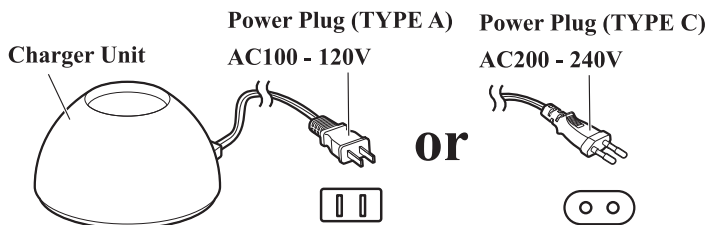
U-SONIC

Activates both Ultrasound and Gentle vibrations for tender gums.

OFF

Turns the Smilex off. The brush will also turn off automatically after 3 minutes or when placed in the charging base.

Charger



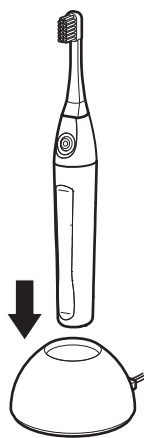
Caution!

Caution!

- This charger has been designed only for the Smilex Toothbrush.

Way to charge and caution

1. Place the charger on a stable, dry surface.
2. Connect the power cord plug into the wall outlet
3. Place the toothbrush handle into the charger until the handle reaches the bottom of the charger.
 - The LED light will glow Orange as the brush is being charged.
 - If the handle is not touching the bottom of the charger, the battery may not charge properly.
 - **To keep the brush fully charged, return it into the charger after each use.**
 - The LED light will remain Orange, but dim slightly with charging is complete.



Caution!

- Before you use this Toothbrush for the first time after purchase, please charge it for more than 5 hours.
- Keep charging after use.
- The following symptoms are normal
 - During charging, the temperature of the handle and charger goes up.
 - During charging, a slight noise may be heard.

If you do not use the toothbrush more than 2 weeks,

- To save electricity, disconnect the charger from power source.

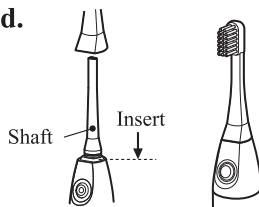
If you have not used for more than 2 weeks,

- Charge the toothbrush more than 5 hours before use. After use, keep charging it.

Full Initial charging is achieved after 30 hours charging time.

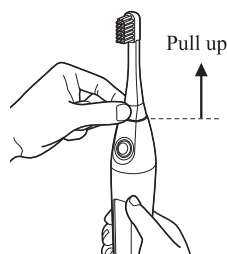
How to install the brush head

Insert the shaft of the handle straight into the brush head.



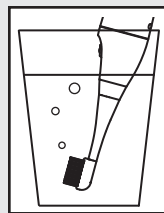
How to remove the brush head

Hold brush head and handle firmly and pull the brush head slowly off the shaft.



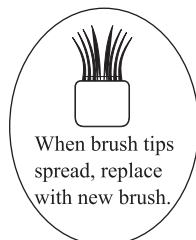
When it is hard to remove a brush:

Sometimes the Brush Head is hard to remove if toothpaste is allowed to dry under the brush head. Please do not force the Brush Head off the brush. Soak the Brush Head in lukewarm water for 5 minutes, and then the Brush Head will be easier to remove.



● Replace brush head every 3 months.

- To maintain the effectiveness of brushing, replacement of the brush head is recommended every 3 months.



Brushing your teeth

Brushing with Ultrasound + Vibration (Red lighting of LED)

1. Rinse the brush head and apply the toothpaste.

Ultrasonic wave travels better in the water.

2. After putting the brush head into your mouth, press the Switch once.

3. Brush your teeth as normal, as you would with a manual brush.

While brushing, every 45 seconds the vibration will reduce slightly indicating that you should move on to a different area of your mouth. For example, you may start on the outside of the lower arch of your teeth. After the first signal, move to the inside arch. After the next signal you move to the upper teeth, and so on. This way you brush all areas evenly. The brush will stop after 3 minutes of operation. If 3 minutes are not enough, press the switch again and repeat this function. If you like to stop, press the switch two times. All functions will end.

4. After use, clean the shaft and brush head with running water and dry them with a towel.

● If you want to stop on halfway

Press the switch two times (if the mode is Ultrasound and Gentle vibration, then, press once). If the handle is returned to the charger (installed in Germany), the operation stops.

● Operation Time

Total Operation time is set by timer to 3 minutes even if you start operation with Ultrasound + vibration and then you change to Ultrasound and Gentle vibration mode.

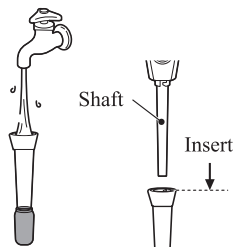
Caution!

- Do not rely on the ultrasound alone to remove the plaque. The 1.6 MegaHertz ultrasound emitted by the brush will loosen the bond of the bacteria, but brushing is still necessary to remove the plaque. A light brushing with short strokes works best.**

Gum massage with Ultrasound

1. Fill the massage head with water.

The water between the shaft and the massage head increases the effectiveness of the massage head.



2. Insert the shaft of the handle into the massage head.

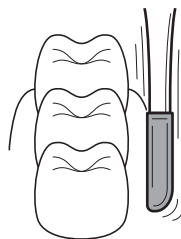
3. Press the start button twice for Ultrasound and Gentle vibration mode, Green light. Place the massage head on your gum, touching lightly.

After 3 minutes, the power will automatically stop.

During the 3 minute operation, the vibration will increase slightly every 45 seconds indicating that you should move to a different area of your mouth.

Transmission of the Ultrasonic Waves to the gums does not require strong pressure on the gum.

You can also use the Massage Head with vibration in Ultrasonic + Vibration mode (red light).



4. After the massage is finished, remove the head from the handle and dry it.

Touch the massage head to gum with 90 degree angle

Caution!

- No toothpaste is needed for massage.
- After massage is finished, dry out the massage head by shaking the water out of the massage head.
- Make sure that the rubber jacket of the massage head is fully and securely applied beyond the shoulder of the plastic stem of the massage head. The shoulder is there to prevent the rubber jacket to slide off during the massage operation.
- Replace the massage head if the rubber part is broken, discolored, or becomes easy to fall off from the plastic part.

For your good brushing technique

- **Brush gently**

Ideal pressure is about 100g – 200g (if you press your nail with your finger, the surface of nail becomes a little white – this is the level of pressure).

- **Brush with small strokes**

Brushing with small 2–3 mm strokes is recommended rather than large sweeping strokes.

- **Try to close your mouth while brushing**

Ultrasound is transferred more effectively through water.

Varieties of replacement brush heads

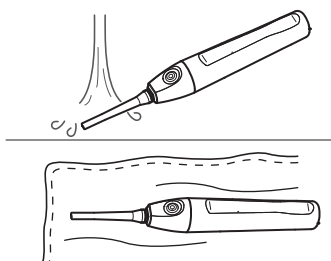
For Smilex AU-300E, 3 kinds of brush heads and a massage head are available, each have different brushing feeling.

Type No.	Hardness	Characteristics
AU-300-STE	Soft	Made of both the finest tips and flat bristles together. Fine tip will go into the gum pocket and to clean the plaque. Soft and comfortable brushing feeling.
AU-300-MHE	Medium	Medium hard bristles are arranged on sides of the brush surface. This gives you a stronger brushing feeling.
AU-300-MASE	—	No bristles are on the massage head. Not for tooth brushing. Effect of high power Ultrasonic wave will be experienced.

Maintenance of your toothbrush

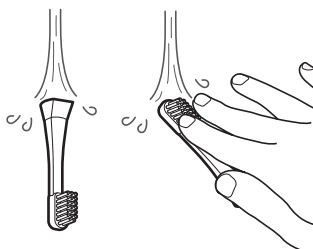
Handle (body)

- Do not leave the handle submerged in water even though the handle has been designed to be water-resistant. For long lasting use, after you wash the handle with water, wipe it down with a towel and keep it dry.



Replacement Brush head

- After brushing, clean the inside and the outside of the brush head with running water and dry it
- Remove any remains food or of toothpaste from the brush.



Charger

- Charger is not washable with water. After unplugging, clean charger with a soft moist cloth. For tough to remove dirt, a mild detergent may be used with a moist cloth.

Q&A

Q. Can I brush for more than 3 minutes?

- A. Yes. If you do not finish brushing after 3 minutes, press the button once again and continue brushing for as long as you want.

Q. Can I replace the batteries in the Smilex?

- A. No. The Ni-MH battery used in the Smilex is not replaceable.
Please contact customer service if you have battery problems.

Q. Even if the switch is pressed, the toothbrush does not start operation. Why not?

- A. Battery might be empty. Please charge the battery for at least 5 hours.

Q. Even if batteries are fully charged, the batteries drain very soon . What is the cause?

- A. If you still have a problem even if you have charged the battery for 30 hours, something may be wrong with the batteries or the charging circuit. Contact customer service.

Q. How can I confirm that Ultrasound is emitted

- A. LED Lamp (Red, Green) lighting shows Ultrasound is active and emitting. If Ultrasound is not emitted, the LED lamp will not light.

Q. Can I use this toothbrush in foreign counties?

- A. Please see page 6 of this instruction manual.

If your toothbrush charger was made with a Type A plug, you must use it only in countries with 100-120 VAC electrical service. If it was made with a Type C plug, you must use it only in countries with 200-240 VAC electrical service.

If batteries are fully charged, you can use the brush for about 10 days, two times a day (3 minutes each time).

After Sales Service

Replacement brush heads and massage heads are available at the retailer where you purchased your Smilex. In the event that the retailer does not carry replacements, contact the distributor found on the next page.

The following replacement Brush Heads and Massage Heads are available .

AU-300-STE (extra fin tip type) 2 pcs./packet

AU-300-MHE (flat bristle type) 2 pcs./packet

AU-300-MASE (Massage Head) 2 pcs./packet

If you plan to travel to a foreign country using different voltage than your home country, please purchase an additional charger having the appropriate voltage for the country. (See page 6)

Warranty

Limited 1 year Warranty.

The Smilex AU-300E is not user serviceable. If it stops working, try recharge it for at least 30 hours. If it still does not operate, contact customer service by phone or email.

The Smilex AU-300E is warranted against original manufacturing defects in material and workmanship for 1 year from the date of purchase, and will be repaired or replaced free of charge to the purchaser if returned to the distributor including a proof of purchase.

Unlimited Forever Warranty.

After the expiration of the Limited 1 year Warranty the distributor will replace a failing product Forever, with the latest model in distribution at the time of the failure, for one half of the published Retail Price in effect at the time of the failure.

This Forever Warranty is not limited to original materials and workmanship failures. It covers all failures, including miss-use, and accidental damage and/or destruction, if returned to the distributor.

For Warranty claims, contact the Distributor.

Manufactured by:

Asahiirica Export Co., Ltd.

4-2-10 Komatsu Kounosu city, Saitama,
Japan