

# The Only Ultrasonic Experience for Teeth and Gums

USE AND CARE GUIDE

MODEL UE700W

MODEL UE800W



## ULTRASONEX™

The Only Toothbrush with Ultrasonic Technology

# IMPORTANT SAFEGUARDS

When using electrical appliances, especially when children are present, basic safety precautions should always be followed, including the following:

## **READ ALL INSTRUCTIONS BEFORE USING - KEEP AWAY FROM WATER**

**DANGER** – As with most electrical appliances, electrical parts are electrically live even when the switch is off:

To reduce the risk of death by electric shock:

1. Do not use while bathing.
2. Do not place or store appliance where it can fall or be pulled into a tub or sink.
3. Do not place in or drop into water or other liquid.
4. If an appliance falls into water, “unplug it” immediately. Do not reach into the water.

**WARNING** – To reduce the risk of burns, electrocution, fire, or injury to persons:

1. Close supervision is necessary when this appliance is used by, on, or near children or invalids.
2. Use this appliance only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
3. Never operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been dropped, damaged, or dropped into water. Contact Consumer Service for examination and repair.
4. Keep the cord away from heated surfaces. Do not wrap the cord around the appliance.

## **SAVE THESE INSTRUCTIONS**

For Household Use Only

# ADDITIONAL IMPORTANT SAFEGUARDS

The ***Ultrasonex Oral Care System*** is designed to supplement your dentist's prescribed regimen. Follow your dentist's recommended brushing and flossing instructions while using the brush. You may use any toothpaste you like.

**WARNING** – Do NOT use if you are fitted with a cardiac pacemaker or debribrillator.

## **See your dentist regularly.**

If you have any questions about your use of the product, please consult your doctor. Also, see your doctor before discontinuing or changing any medication or treatments. Discontinue use of the product and consult your doctor if any problems arise with use of the product.

## ***Introduction***

The Dual Frequency Ultrasonic Toothbrush features advanced ultrasonic technology coupled with gentle sonic wave vibrations to help you remove bacterial plaque every time you brush.

The Phaser Timer System™ features a 3-minute automatic timer which guides you through 6 separate cycles. The brushing action will start/stop for 0.5 seconds to remind you to move the brush to a new area of your mouth to provide a complete brushing result.

The Personal Touch System lets you choose the Ultrasonex benefit that's right for you from the following options:

1. Ultrasound Plus 18,000 strokes per minute sonic action for optimum plaque removal.
2. Ultrasound Plus a fewer strokes per minute sonic action for those with sensitive teeth and gums.
3. Ultrasound Only for those who prefer no sonic action or have extreme sensitivity and require no sonic action.

With just regular brushing, the Dual Frequency Ultrasonic Toothbrush reduces gingivitis and helps shrink periodontal pockets. The Dual Frequency Ultrasonic Toothbrush should be a part of your routine of good oral hygiene along with regular flossing and visits to your dentist.

### **CAUTION: PLEASE READ ALL SAFETY CONSIDERATIONS AND INSTRUCTIONS BEFORE USING THIS PRODUCT**

To use the Dual Frequency Ultrasonic Toothbrush, remove the brush from the charger base and press the control button on the handle. Three green lights will come on. You may press the button to stop the brush at any time. See the Personal Touch System section on page 4 for directions on choosing the ultrasound brushing mode that's right for you.

Soft-touch handles provide a comfortable no-slip grip on the brush.

Once charged the brush can be used twice a day for up to 7 full days without recharging. A compact travel charger and case has been provided for your convenience.

## Using Your Ultrasonex Toothbrush

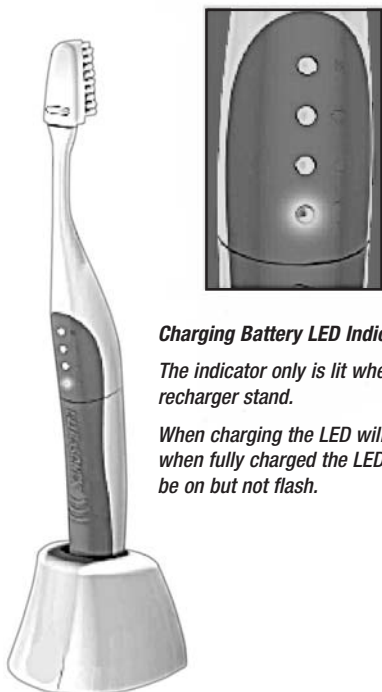
### Initial Charging (UE700W and UE800W Models)

To charge the Dual Frequency Ultrasonic Toothbrush, place the charger base on a stable, nonskid surface and plug the power cord into a standard AC wall outlet.

Insert the rounded end of the brush handle into the charger base. While charging, a red light will be visible and flashing. Allow brush to charge for 24 hours prior to first-time use to assure that the battery is fully charged. The charger base should always be plugged in so that the brush is being fully charged between brushings. The red light will stop flashing but will still be illuminated when the brush handle is fully charged.

(You may notice a faint vibration and hum while the Dual Frequency Ultrasonic Toothbrush is charging. The brush handle may also be slightly warm. This is normal. The brush is self-protecting and will not overcharge.)

You will experience many years of useful life with your Ultrasonex oral hygiene products. However, once your toothbrush no longer functions, the battery used to power your toothbrush should be recycled. CAUTION: Batteries cannot be replaced and opening the handle will destroy the product and invalidate the warranty.



#### ***Charging Battery LED Indicator***

*The indicator only is lit when in recharger stand.*

*When charging the LED will flash, when fully charged the LED will be on but not flash.*







This product's handle contains a nickel metal hydride (NiMH) rechargeable battery. The nickel metal hydride battery in your Ultrasonex Toothbrush is recyclable. Please recycle these batteries at an appropriate battery collection site.

## Personal Touch System Operation

The Personal Touch System lets you choose the Ultrasonex benefit that's right for you from the options listed below. To select a mode or to go to a different mode, the unit must first be in the off position.

1. Press the control button once for Ultrasound Plus 18,000 strokes per minute sonic action for optimum plaque removal. Three Green Indicator Lights will show on the handle.
2. Quickly press the control button twice for Ultrasound Plus a fewer strokes per minute sonic action for those with sensitive teeth and gums. You will notice a change in the sound the toothbrush makes when operating at the gentler speed and two Green Indicator Lights will show on the handle.
3. Quickly press the control button three times for Ultrasound Only for those who prefer no sonic action or have extreme sensitivity and /or require no sonic action. There will be one Green Indicator Light on the handle. There will be no sound or motion apparent. To turn the brush off, press the control button once (the brush must have been running for at least 2 seconds). The indicator lights on the handle will not be lit. Sonic and Ultrasound output is inactive when the green lights are not on.

Ultrasound Only	●	
Low Frequency	●	
High Frequency	●	
Charging Battery Indicator	●	

**NOTE:** One Green Light on for Ultrasound Only – no Sonic Action  
 Two Green Lights on for Low Speed Plus Ultrasound  
 Three Green Lights on for High Speed Plus Ultrasound  
 Red Light will be on to show the unit is Charging only when placed in the Base.



Charging Battery  
LED Indicator



High Frequency  
Mode



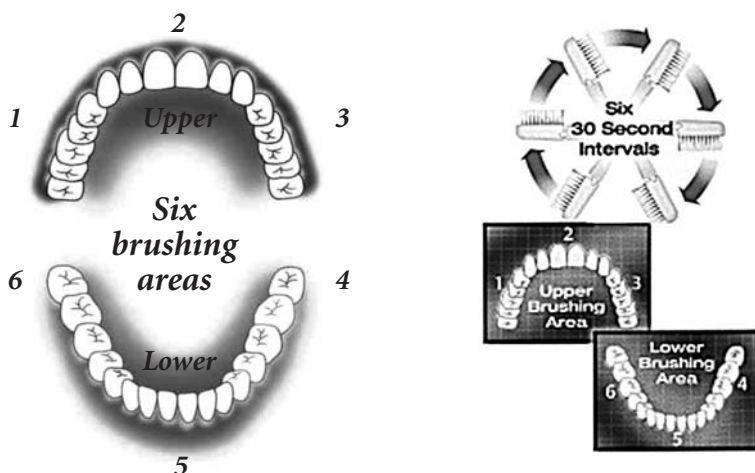
Low Frequency  
Mode



Ultrasound Only  
Mode

## ***Phaser Timer System Operation***

Dental professionals recommend that you brush for 3 minutes. Your Dual Frequency Ultrasonic Toothbrush features the Phaser Timer System to help you evenly distribute its Ultrasonex benefit to the 6 brushing areas of your mouth. The Phaser Timer System operates in all Personal Touch System modes described in the previous section.



The Phaser Timer system is a built-in timer that pauses sonic action, doing so at 30-second intervals, five times during the recommended 3-minute brushing period. If you are using your Dual Frequency Ultrasonic Toothbrush in Ultrasound Only mode, the Phaser Timer System will turn the sonic action on briefly at each 30-second interval, guiding you to begin brushing another area of your mouth.

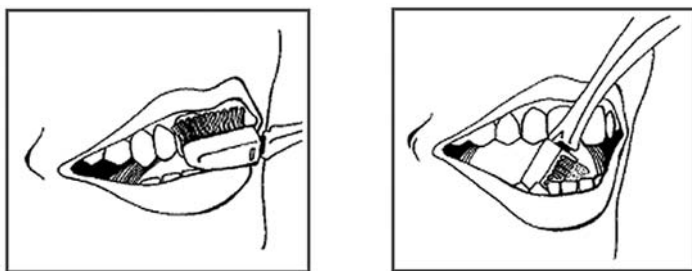
At the end of the 3 minute cycle, the toothbrush will automatically turn itself off. If you are using your Dual Frequency Ultrasonic Toothbrush in Ultrasound Only mode, the green light will go out, indicating that the brush is off. If you prefer to turn off the brush before the 3 minutes are over, you can do so by depressing the control button.

**Note:** Any time the control button is pressed, the Phaser Timer is restarted and the brushing cycle is reset to begin again.

## ***To Brush Your Teeth***

Use the Dual Frequency Ultrasonic Toothbrush much like you would use a regular manual toothbrush. Its dual frequency technology produces gentle sonic and ultrasonic waves that enhance your regular manual brushing technique. The handle and grip control, meanwhile, provide a comfortable hold that prevents slipping.

To use, remove the brush from the charger base. Wet the bristles of the brush and apply your toothpaste. To avoid splattering toothpaste, place the brush in your mouth and spread the toothpaste throughout before pressing the control button. Unless your dentist has advised otherwise, we suggest that you use the following brushing technique (known as the “Basa technique”) which is often recommended by dental professionals:



First, hold the toothbrush horizontally. Place the brush so the bristles are directed at the border between your teeth and gums at an angle of approximately 45°. Use short strokes — of about 1/4" and keep the bristles of the brush in contact with the margin between the teeth and gums. In this manner, brush the outer surfaces of all your teeth.

Then, holding the brush handle vertically and directing the bristle tips at the gum border, brush the inside surfaces of the upper and lower front teeth. Move the brush in a slow up-and-down motion along the gum border. Again, use short strokes — of about 1/4".

Return the brush to a horizontal position in order to brush the inner and biting surfaces of your back teeth...and then repeat the entire process from the beginning.

The toothbrush will pause five times, advising you to move the brush to another area of the mouth. With each pause, move your brushing to another area, to ensure that you spend the recommended amount of time on each. To receive the full benefits of brushing, continue until your Ultrasonic Toothbrush stops completely (after 3 minutes).



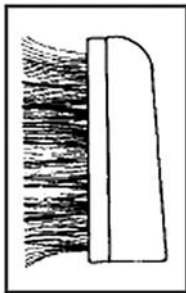
## ***Cleaning Instructions***

The Ultrasonic Toothbrush is waterproof. Rinse the toothbrush head under running water. Dry the toothbrush head and handle with a towel. To clean the rechargeable base, unplug and use a soft, slightly damp cloth or sponge to wipe the surface. Never use abrasive cleaners or solvents, as they may scratch the surface.

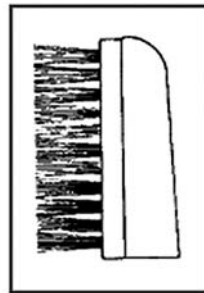
Replace the Toothbrush handle into the rechargeable base.

**IMPORTANT: Do NOT remove the brush head from the handle every day. Frequent removal causes excessive wear of the brush-holder clip and the brush head will not fit tightly. A tight fit is essential for the efficient transfer of ultrasonic power from the handle to the tips of the brush head.**

After continued use, the bristles will wear and may bend. Replace the brush head when the bristles begin showing signs of wear, usually once every 3 months.



Worn brush head:  
bristles are bent



New brush head:  
bristles are straight

Call the Sonex Consumer Service Department to order replacement Dual Frequency Ultrasonic brush heads.  
1-800-934-7455

## ***How to Replace Brush Heads***

**CAUTION: DO NOT POINT THE BRUSH TOWARD YOUR FACE NOR AT ANYONE ELSE WHEN REMOVING THE BRUSH HEAD. IT CAN FLY OFF WITH FORCE DURING REMOVAL AND MAY CAUSE POSSIBLE INJURY.**

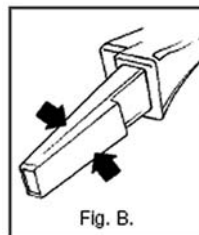
1. Place a coin (a quarter works best) in the slot between the brush head and the handle, as shown here. Press the coin into the slot and, with a gentle twisting motion, snap the brush head off the handle.

See Fig. A.

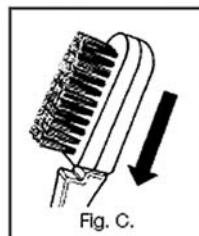


2. Wash off any toothpaste that has accumulated under the brush head before replacing the brush head.

3. Coat the brush head clip with a generous amount of petroleum jelly. This makes installation easier and helps transmission of the ultrasonic waves. See Fig. B.



4. Place a new brush head onto the tip of the handle. Orient the bristles as shown here. See Fig. C.



5. Push the new brush head on the handle by pressing it firmly against the palm of your hand until the top surface of the handle and the brush head are touching. You will see a gap, barely wide enough for a coin, between the bottom curved surface of the handle and the brush head, next to the bristles. Tug on the brush head to be sure it is firmly secured.

## ***How to Use Your Travel Charger and Case***

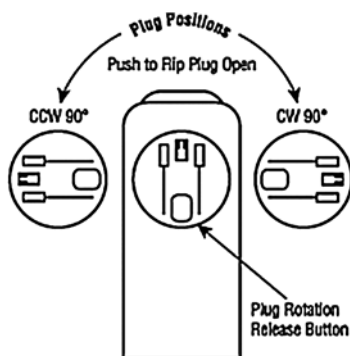
Model UE700W (single brush) comes with a convenient travel charger and case.

Model UE800W (twin brushes) comes with a travel charger and case. Also included is a travel case for the second brush.

The travel charger operates on 100-240 VAC, 50-60 Hz so it can be used almost any place in the world with the appropriate plug adapter. It can be used with or without a voltage converter.

To use the travel charger, flip the plug all the way out and plug it directly into a wall outlet. Once plugged in it is fully operational and ready to charge your brush. Charging procedures are the same as the base unit. An added feature of the travel charger that accommodates varying electrical outlet orientations is the ability of the plug to rotate 90 degrees in either a clockwise or counterclockwise direction. To rotate the plug, flip the plug to the operating position then press the small button below the plug and rotate gently in the desired direction until the plug locks in position.

The travel case conveniently snaps over the top of the travel charger with your brush seated in the charger. To remove the case simply pull it off. The second travel case provided with model UE800W snaps together and pulls apart. It does not provide any charging capability.



## ***Frequently Asked Questions***

**Q:** *How does the Dual Frequency Ultrasonic Toothbrush work?*

**A:** The Dual Frequency Ultrasonic Toothbrush uses advanced dual frequency technology to provide its dynamic cleaning power. It is the world's first to feature ultrasonic waves coupled with 18,000 strokes per minute sonic carrier waves. With just regular brushing, its unique foaming and scrubbing action effectively removes plaque to help you maintain a professional clean feeling everyday. This results in a significant reduction of gingivitis and bleeding while promoting healthier gums.

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**Q:** *How do I use the Dual Frequency Ultrasonic Toothbrush?*

**A:** Brush as you would brush with your manual toothbrush using any toothpaste you like. Please see the "How To Use" section of this manual for instruction on the most commonly recommended brushing technique. We recommend that you brush twice a day for three minutes.

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**Q:** *How do I know when the Dual Frequency Ultrasonic Toothbrush is working?*

**A:** When the brush is in the charger base the red light is visible, letting you know that your brush is charging (UE700W and UE800W models). Pressing the control button on the handle turns the brush on. A green light will be visible indicating that the brush is working properly and emitting ultrasonic waves. Should the green light fail to come on or if the green light continually blinks, these are indications that the Dual Frequency Ultrasonic Toothbrush is not working properly. If the green light is on but there is an absence of sonic activity please check the Personal Touch System section on pages 6 and 7 to be sure the toothbrush is not in ultrasound only mode. Please contact the Sonex Consumer Service Department for further instructions.

**Q:** *How often do I change the brush head?*

**A:** We recommend that you change the brush head every three months or when the bristles begin showing significant signs of wear. In any case, the brush head should be changed a minimum of once every three months.

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**Q:** *How do I know if the brush head needs replacing?*

**A:** After continued use, you'll notice that the bristles will begin to bend—just like with any regular brush. When this happens, it's time to replace the brush head. We recommend that you change the brush head at least once every 3 months, depending on wear.

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**Q:** *Can I travel with the Dual Frequency Ultrasonic Toothbrush?*

**A:** Yes. With models UE700 and UE800, you can brush twice a day for 7 days without recharging. For your added convenience, a Travel charger and case is included.

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**Q:** *Do I still need to floss?*

**A:** Yes. You should floss daily and see your dentist regularly.

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**Q:** *Can the Dual Frequency Ultrasonic Toothbrush be used by patients with dental work and orthodontia patients (people with braces)?*

**A:** Yes. It is extremely gentle and safe for all dental work and orthodontia patients. However, it is not recommended for people fitted with a cardiac pacemaker or defibrillator.

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**Q:** *Can I repair the Dual Frequency Ultrasonic Toothbrush?*

**A:** No. This is a permanently sealed product that does not contain any user serviceable parts. In case of damage or malfunction, do not attempt to repair this product. Please call the Sonex Consumer Service Department for instructions for returning the product to Sonex.

## ***Reordering Information***

Call the Sonex Consumer Service Department at 1-800-934-7455 to order.



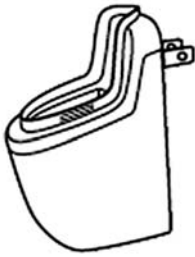
**Toothbrush Handle**  
WHITE (P/N 50408W)



**Single Rechargeable Base**  
WHITE (P/N 50407W)



**Twin Rechargeable Base**  
WHITE (P/N 50409W)

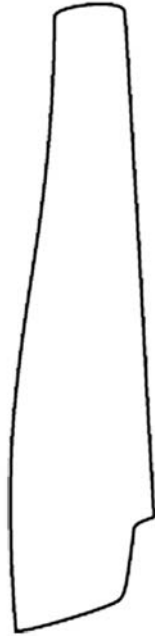


**Travel Charger 100-240 VAC**  
(P/N 50413W)

**Travel Case Top/  
Travel Charger Top**  
(P/N 50412W)



**Travel Case Bottom**  
(P/N 50414W)



**Replacement Brush Heads (3-pack)**

WHITE (P/N BH2W) Brush Head Regular (3 pack))

WHITE (P/N BH3W) Brush Head Compact (3 pack)

WHITE (P/N BH4W) Brush Head Small (3 pack)

WHITE (P/N BH5W) Assorted Brush Heads (Small,  
Compact and Standard)

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**Specifications:**

Charging Unit:

model UE700, 120 VAC, 50/60 Hz., 50 mA.

model UE800, 120 VAC, 50/60 Hz., 100mA.

Travel Charger: model UE700/UE800, 5 VDC., 1.6 MHz., 30 mA.

Toothbrush: model UE700/UE800, 5 VDC., 1.6 MHz., 30 mA.

## ***Limited Forever Warranty***

**Warranty:** The Ultrasonex Toothbrush is warranted by Sonex International Corporation to be free from defects in material and workmanship for as long as the original consumer purchaser owns the product. This product warranty covers only the original consumer purchaser of the product.

**Warranty Performance:** During the first year from the original purchase date, a product with a defect will (at our option) either be repaired or replaced when the product is returned to the Repair Center, or the purchase price refunded. No charge will be made for such repair or replacement. From and after one year from the original purchase date, if the product has a defect, the original consumer purchaser may replace the product for one-half of the then current retail price. The replacement will be the most current model.

The repaired or replacement product will be covered by this warranty for as long as the original consumer purchaser owns the product.

**Warranty Coverage:** This warranty is void if the product has been damaged by accident in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel, normal wear and tear, improper assembly, installation or maintenance abuse or other causes not arising out of defects in materials or workmanship. This warranty is effective only if the product is purchased and operated in the USA and Canada, and does not extend to any units which have been used in violation of written instructions furnished with the product or to units which have been altered or modified or to damage to products or parts thereof which have had the serial number removed, altered, defaced or rendered illegible.

**Implied Warranties:** ANY IMPLIED WARRANTIES WHICH THE PURCHASER MAY HAVE ARE LIMITED IN DURATION TO THE TIME THAT THE ORIGINAL CONSUMER PURCHASER OWNS THE PRODUCT. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.



**Service and Repair:** Should the product not work properly, you should first call toll-free 1-800-934-7455 between the hours of 9:00 am and 5:00 pm Central Standard Time and ask for CONSUMER SERVICE stating that you are a consumer with a problem. Please refer to product model number when you call.

**Warranty Service (USA):** For a product defect which occurs during the first year, no charge is made for service or postage. Call for return authorization (1-800-934-7455). For a product with a defect after the first year, send the product postage pre-paid together with a check for the replacement product to the Repair Center listed below. Call for the amount of the check for the replacement product (1-800-934-7455).

**For Products Purchased in the USA, but used in Canada:**

You may return the product insured, packaged with sufficient protection, and postage and insurance prepaid to the USA address listed below.

Please note that all customs duty/brokerage fees, if any, must be paid by you and we will require you to pay the cost of customs duty/ brokerage fees to us in advance of our performing any service.

**Risk During Shipment:** We cannot assume responsibility for loss or damage during incoming shipment. For your protection, carefully package the product for shipment and insure it with the carrier. Be sure to enclose the following items with your appliance: any accessories related to your problem, your full return address and daytime phone number, a note describing the problem you experienced, a copy of your sales receipt or other proof of purchase to determine warranty status. C.O.D. shipments cannot be accepted.

To return the product, ship to:

**Attn: Repair Center Sonex International Corporation  
708 South Missouri Street  
Macon, MO 63552**

To contact us, please write to, call, or email:

**Sonex International Corporation  
P.O. Box 7366  
Columbia, MO 65205-7366  
1 -800-934-7455  
Email: [Salton@Saltonusa.com](mailto:Salton@Saltonusa.com)**

**Limitation of Remedies:** No representative or person is authorized to assume for Sonex International Corporation any other liability in connection with the sale of our products. There shall be no claims for defects or failure of performance or product failure under any theory of tort, contract or commercial law including, but not limited to negligence, gross negligence, strict liability, breach of warranty and breach of contract. Repair, replacement or refund shall be the sole remedy of the purchaser under this warranty, and in no event shall Sonex International Corporation be liable for any incidental or consequential damages, losses or expenses. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

**Legal Rights:** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**WARRANTY SERVICE IN THE USA CAN ONLY BE PROVIDED  
BY THE MANUFACTURER.**

In the event that your product fails to operate properly  
**DO NOT RETURN IT TO THE STORE**

Replacement brush heads and other parts are available from  
your Ultrasonex retailer or by calling

Sonex Consumer Service:

1-800-934-7455

or visit our website at

[www.esalton.com](http://www.esalton.com)

Keep Dated Sales Receipts for Warranty Service.

Keep this booklet. Record the following for reference:

Date purchased \_\_\_\_\_

Model number \_\_\_\_\_

Date code (stamped on bottom) \_\_\_\_\_

# **ULTRASONEX™**

- Patented ultrasonic technology
- Phaser Timer System™
- Soft touch handles
- Includes travel charger and case



## **Questions**

Call toll free 1-800-934-7455

[www.ultrasonex.com](http://www.ultrasonex.com)

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