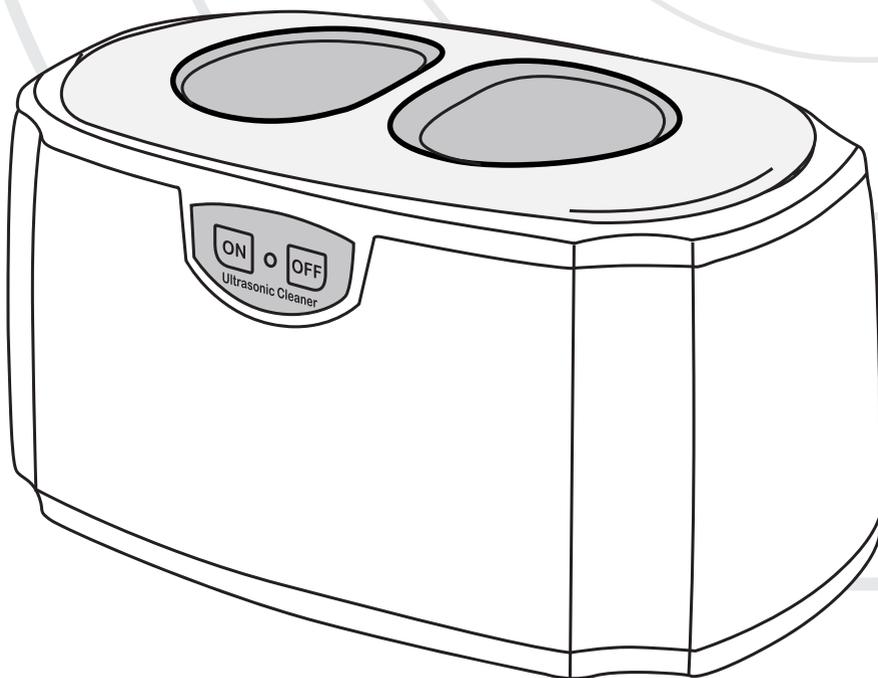


James
PRODUCTS

USER GUIDE



ULTRA 2000

ULTRASONIC CLEANER

INTRODUCTION

Use tap water. Special solutions are not necessary in most cases.

Principles of ultrasonic cleaning:

Millions of tiny air bubbles are generated within liquid by high frequency vibration. The air bubbles burst when in contact with object and dislodge the debris to achieve the cleaning effect.



- Using tap water is sufficient. Purified water or distilled water has the same cleaning effect as regular tap water for ultrasonic cleaning.
- When cleaning silver or copper items where oxidation has darkened the items, special solutions such as SeaClean2, needs to be added to the water to remove the oxidation.

Read the Manual First

The Ultra range of ultrasonic cleaners are very easy to use, although to get the best from your new purchase, we recommend you read this User Guide before getting down to any serious cleaning. It also contains important safety information as well as practical hints.

UNPACKING

Remove your Ultra 2000 cleaner from its packaging and ensure that along with this User Guide you have the correct mains plug fitted for your supply and you have the specified accessories.

Retain the packing carton for storage of your unit, and also in the unlikely event that the unit needs to be returned for service or repair:

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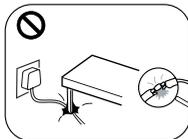
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SAFETY INSTRUCTIONS

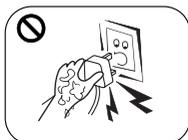


Please read this before using your product

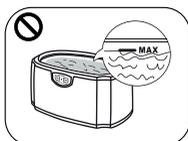
Do not attempt to remove any screws or panels.
There are no user serviceable parts inside.



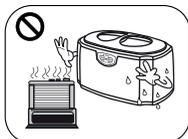
Do not operate this unit if the cord or plug is damaged. Please refer to a service centre for examination and repair.



To avoid electric shock, never touch the cord or socket with wet hands.



Never operate the unit when empty - damage may occur.
Keep the unit unplugged before filling.
Do not use boiling water as damage to the unit may occur.
Do not exceed the "MAX" marking on the inside of the tank.
Always unplug the unit immediately after use and before emptying the liquid.



Do not operate the unit next to heat sources such as radiators.
Operate on a dry level surface.



To avoid electric shock do not immerse the unit into water or other liquid. The unit should not be exposed to dripping or splashing and no objects filled with liquids should be placed on top of it.

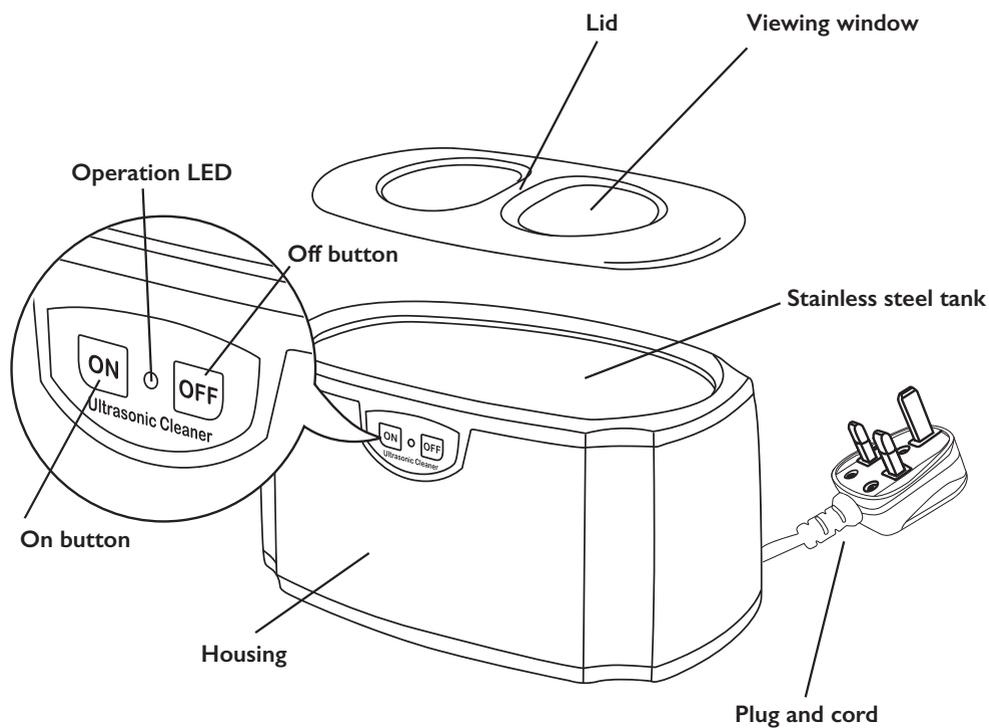


Do not fill the tank with abrasives or corrosive chemicals. Never use acids, solvents or alcohol as these are not suitable for use in this cleaner and will invalidate the warranty. Repeated cleaning cycles will enhance the cleaning effect.



Never leave the unit unattended when the heater is switched on.
Always unplug and clean the unit when left overnight.

FEATURES AND ACCESSORIES



Optional Accessory



3 LEVEL CLEAN PLAN

Lightly stained items

Use warm water and a few drops of washing up liquid

1

General staining or light tarnishing

Use warm water (45-60°) and SeaClean2 Double Concentrate

2

Heavily stained or tarnished metals

Use warm water (45-60°) and add up to 50% more SeaClean2

3

Use the appropriate level for your items:



Jewellery

Necklaces, rings, bracelets etc.

1 2 3



Porous stones such as pearls etc. should not be immersed. Use the optional watch stand to hold the stones out of the water. If in doubt please refer to our website: www.jamesproducts.co.uk for further details.



Watches and glasses / sunglasses

Waterproof wristwatches, watch chains, glasses, sunglasses etc.

1 2 3



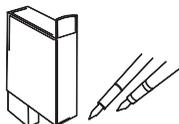
Watches should be fully waterproof (30m or more). For watches that are not waterproof, the optional Watch Stand can be used. The coating on some spectacle lenses can exhibit hairline cracking during ultrasonic cleaning. If in doubt check with your optician before cleaning such items.



Toiletry items

Electric toothbrush heads, electric shaver heads, razor blades, combs, toothbrushes, dentures etc. Ensure that all items are waterproof and non-porous.

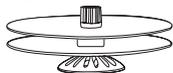
1 2 3



Office equipment

Printer heads, printer cartridges, fountain pen nibs, wax or rubber stamps etc.

1 2 3



CDs, DVDs

Any CD, VCD, DVD - pre-recorded or CD-R/RW

1 2 3



Metal items (some metals need enhanced cleaning - see p9)

Metal cutlery (knives/forks, etc.), old coins, metal badges, valves, machine nozzles, small metal parts, etc.

For best results use SeaClean2 concentrate as directed.

1 2 3



Any unfirm or inlaid item may become loose. Items that are easy to be discoloured are not recommended for ultrasonic cleaning. eg: textiles, leather products, woodware etc.

DO NOT put any objects that are porous (e.g. tortoiseshell or hawkbill spectacle frames) or not waterproof (e.g. mobile phones) in the tank for cleaning as damage may occur.

BETTER RESULTS

Important tips for getting better results

- To start, fill the tank with warm tap water (ideally 45° to 50° C). Never boiling, but bearable to put your hand into. You will always get better cleaning results with warm water and it will help the unit to achieve maximum cleaning potential more quickly.
- Some items need added detergent for cleaning. We recommend 3 to 4 drops of regular washing up liquid when cleaning objects such as spectacles, toiletry items, office items, etc.
- Do not overload or stack items. Remember whatever the water touches, it will clean.
- When cleaning spectacles, ensure that the lenses are free from any objects and are facing upwards. As mentioned on previous page, the coating on some spectacle lenses can exhibit hairline cracking during ultrasonic cleaning. If in doubt, check with your optician or the manufacturer before cleaning such items.
- Some spectacles are not suitable for ultrasonic cleaning because the frames are made from porous materials. If you have any doubts, consult either the supplier of the spectacles or James Products before placing them in the ultrasonic cleaner.
- Delicate items - Do not place delicate items directly on the stainless steel tank of the cleaner as the process of agitation may cause minor scratching. For such items, always place them on the supplied plastic tray before immersing into the tank. Do not place items too close together in order to prevent scratching through contact with other items. Unavoidably, the tray absorbs some of the ultrasonic energy which may slightly reduce the effectiveness of the cleaning action.

For more advice please refer to our website: www.jamesproducts.co.uk

WHAT CANNOT BE CLEANED

JEWELLERY

Hawksbill, Pearl, Emerald, Ivory, Coral, Agate.

Colour may change or brightness could be lost during ultrasonic process.

PRECIOUS METAL

Soldered metal, electro plated metal, bindings

Ultrasonic cleaning is not suitable for metal objects that have been soldered as the tiny bubbles will dislodge any unsold soldering or bindings. Any cracked electro plating will be enlarged after cleaning.

WATCHES

None waterproof watches (Except 30m+ watches)

Water will get into the watch movement of none waterproof watches.

OTHERS

Wood, Glass, Contact lens, Ceramic, Camera colored filter

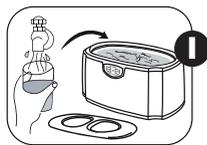
Cracks in ceramic, wooden items, or laminated glasses will be enlarged by ultrasonic cleaning. (It won't happen if the item is in perfect condition).

OPERATING INSTRUCTIONS



To avoid causing permanent damage:

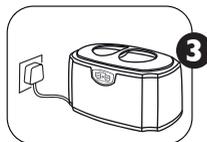
Never operate the unit without water in the cleaning tank. Never use boiling water.



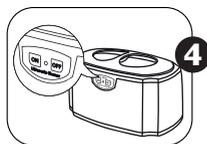
Open the lid and fill the stainless steel tank with warm water (ideally 45° - 50°C). Do not exceed the "MAX" marking on the inside of the tank.



Place the item to be cleaned into the water. Ensure any items with a delicate surface such as glasses/sunglasses lenses are not touching or rubbing the tank walls or base. Ensure the item is immersed as fully as possible, ensuring the water level does not exceed the "MAX" marking.



Close the lid and ensure your hands are dry. Plug the supplied mains cable into the unit and then into the nearest mains outlet.

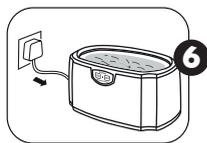


Press the ON button to start cleaning. The red operation indicator will illuminate while the unit is in operation. The built in timer will automatically turn the cleaner off after 3 minutes.

Note: During operation the unit will "buzz", this is normal.

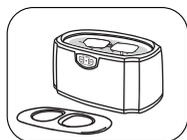


If required, you can press the OFF button at any time to stop or pause the cleaning process. Press the ON button again to resume cleaning and continue the countdown. When cleaning has finished, you can press the ON button again to repeat the process.



When cleaning is finished, unplug the unit from the mains and open the lid to remove the item. Pour away the water and wipe the stainless steel tank with a clean dry cloth.

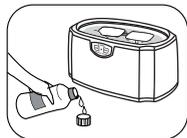
DIFFERENT WAYS OF CLEANING



General cleaning

Use plain warm tap water (ideally 45° to 50°C) with a few drops of washing up liquid. Ensure that the water level does not exceed the "MAX" marking when immersing the item.

If the item is very dirty or has oil or grease smears (CDs, etc.) then add 3 to 4 drops of regular washing up liquid to enhance the cleaning result.



Enhanced cleaning

If the item is very dirty or has oil or grease smears then add a drop or two of standard washing up liquid into the water to enhance the cleaning result or you can achieve amazing results by using our SeaClean2 concentrate.



Extensive cleaning

If the item to be cleaned needs extensive cleaning or sterilising, then use the "Enhanced Cleaning" procedure first, then replace with clean water and add a drop or two of liquid soap (eg: hand wash soap) into the tank and repeat the cleaning procedure.



Cleaning large items

If the item is too large to fit completely in the tank, then you can use the ultrasonic cleaner with the item partly immersed with the lid open. Ensure that the "MAX" marking is not exceeded when immersing the item.

Removing tarnish, carbon and rust

When removing tarnish, carbon & rust from your non-plated (e.g.: solid silver) metals, it is recommended to use a specialist cleaning solution such as SeaClean2 concentrate (see page 9 for details) when using your ultrasonic cleaner, as ultrasonic cleaning alone may not achieve the results. If in any doubt about your items to be cleaned, before use, contact your jeweller or James Products for information and advice on cleaning your items.

Important notes

- Care should be taken when using different types of cleaning soaps or detergents. Always ensure they are suitable for the item you are cleaning. If in doubt, please ask James Products or check www.jamesproducts.co.uk.
- If there is any danger of scratching to an item to be cleaned, place the item on the supplied plastic tray (to separate the item from the stainless steel tank) before immersing in the tank. Unavoidably, the tray absorbs some of the ultrasonic energy, which may slightly reduce the effectiveness of the cleaning action. If the item is not at risk of damage from vibrations against the stainless steel tank, then the tray can be omitted for a stronger clean.
- The use of SOLVENTS or ALCOHOL in the tank or on any part of the cleaner will damage your ultrasonic cleaner and void any warranty.

Emptying the tank

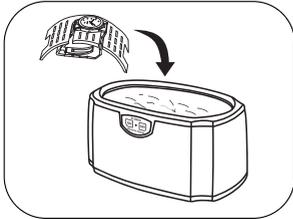
- Remember to change the water between cycles as it becomes dirty.
- Always ensure the unit is unplugged when changing the water.
- Always pour liquid away via the front spout.

USING THE ACCESSORIES



To avoid causing permanent damage:

Never operate the unit without water in the cleaning tank. Never use boiling water.



Watch stand

Only watches that are fully waterproofed to a depth of 30 metres or more should be immersed in the ultrasonic cleaner tank.

If your watch is not suitable to be fully immersed, you can use the supplied watch stand to ensure that only the strap makes contact with the fluid.

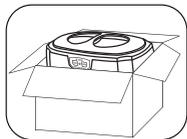
Earrings and other jewellery items which should not be immersed for ultrasonic cleaning can be held in place on the holder allowing only the metal parts to be immersed in the water.

As the watch stand / earring holder absorbs about 30% of the ultrasonic energy, it is recommended to use the 'Enhanced Cleaning' method mentioned earlier in this user guide.

MAINTENANCE AND STORAGE



After use, ensure the unit is unplugged. Pour the water away and wipe the stainless steel tank and housing with a clean dry cloth.
To avoid electric shock, DO NOT wash the exterior of the unit with water.



The unit should be stored in a cool dry place, away from any heat sources (radiators etc.) and sources of moisture (bathrooms etc.).
Ideally, the unit should be stored in its original packing for maximum safety.

SPECIFICATION

Description	Ultrasonic Cleaner
Model	ULTRA 2000
Tank Capacity	420 ml Stainless Steel
Power Supply	30 W (AC 220~240V 50Hz)
Timer Settings	3 minutes with automatic shut-off
Ultrasonic Frequency	45,000 Hz
Tank Material	Stainless Steel SUS304
Net Weight	0.63 kg
Unit Size (L W H)	110 x 198 x 124 mm

sea clean2

DOUBLE STRENGTH CONCENTRATE



Made from a unique formula containing natural products, mixing carefully balanced quantities of seaweed, coconut oils and fruit extracts to create a powerful cleaning solution.

SeaClean2 will expertly clean tarnished items and assist in the removal of carbon, rust and dirt from most solid metals*, precious stones* and inkjet cartridges to return them to a shiny condition.

Available in 500ml, 1L, 5L and 25L bottles.

* Please refer to our website for exclusions.

GUARANTEE

Your Ultrasonic Cleaner has been carefully manufactured and 100% tested using high quality assured components. It is guaranteed against faulty workmanship and materials for a period of 12 months from the date of purchase. In the unlikely event that a failure should occur, the unit will be repaired or replaced* free of charge when returned, postage paid, to the address below within the guarantee period. This guarantee DOES NOT include damage or failure resulting from misuse, damage in transit or failure by the user to comply with the Dos and Don'ts (this list is not exhaustive). Your statutory rights under common law are in no way affected by this guarantee.

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Unit 1, Church Close Business Park,
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Dorset DT10 1JH,
England

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When returning your unit please call our Returns Department on +44 (0)1258 822516 for a RMA (Returns Materials Authorisation) number. Please return your unit in its original packaging along with a covering letter stating when and where you purchased the unit and a description of the problem encountered. If the unit is within the guarantee period please enclose proof of purchase.

LIMITED WARRANTY

Consequential and incidental damages, including without limitation, loss of property and those arising from breach of any express or implied warranty, are not the responsibility of James Products Limited and to the extent permitted by law, are excluded.

In accordance with its policy of progressive product design, James Products Ltd reserves the right to change product specifications without prior notice.

*Repair or replacement is at the discretion of the manufacturer.

James
PRODUCTS

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