



USER MANUAL

1. Introduction



To all residents of the European Union

Important environmental information about this product

This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment. Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialized company for recycling. This device should be returned to your distributor or to a local recycling service. Respect the local environmental rules.

If in doubt, contact your local waste disposal authorities.

Please read the manual thoroughly before bringing this device into service. If the device was damaged in transit, do not install or use it and contact your dealer.

2. Safety Instructions



Read and understand this manual and all safety signs before using this appliance.



Indoor use only.



Class 2 appliance.

- This device can be used by children aged from 8 years and above, and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the device in a safe way and understand the hazards involved. Children shall not play with the device. Cleaning and user maintenance shall not be made by children without supervision.
- If the supply cord of this device is damaged, it shall be replaced by the manufacturer, its service agent or a similar qualified person in order to avoid a hazard.
- Do not disassemble the appliance. There are no user-serviceable parts.
- This appliance is for household use only.
- Never clean the tank with abrasive or corrosive materials.
- Unplug the appliance from the mains before filling up the tank. Fill the tank up to the limit level only.
- Make sure that the available voltage does not exceed the voltage stated in the specifications of this manual.
- Disconnect the appliance from the mains to clean it or when it is not in use. Handle the power cord by the plug only. Avoid touching the power cord with wet hands.
- Only use the appliance when the tank is filled with water.

- Never leave the appliance unattended when plugged in.
- Keep the appliance away from heat sources such as radiators. Operate only on a dry and level surface.
- Do not immerse the appliance.
- This appliance is suited to clean a wide range of materials. However, we recommend not to clean following items:
 - delicate materials such as glass frames, (semi-) precious stones, jewellery, hawksbill, pearl, emerald, ivory, coral, agate...;
 - objects, which can easily be discoloured, waterlogged or damaged;
 - brittle materials such as electronic devices, solder;
 - non water-resistant watches, mobile phones;
 - other materials such as wood, leather, fabric, contact lenses, polycarbonate lenses, coated plastic lenses, ceramic, camera filters...

3. General Guidelines

- All modifications of the device are forbidden for safety reasons. Damage caused by user modifications to the device is not covered by the warranty.
- Only use the device for its intended purpose. Using the device in an unauthorised way will void the warranty.
- Damage caused by disregard of certain guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for any ensuing defects or problems.
- Nor the importer nor its dealers can be held responsible for any damage (extraordinary, incidental or indirect) – of any nature (financial, physical...) arising from the possession, use or failure of this product.
- Keep this manual for future reference.

4. Overview

Refer to the illustrations on page 2 of this manual.

1	on-off switch
2	timer display

3	timer switch
4	transparent lid + tank

5. Operation

5.1. Principle

Ultrasonic cleaning is based on the cavitation effect, caused by the vibration of high-frequency ultrasonic waves in the liquid.

As microscopic bubbles are formed, these implode and cause cavitation. This cavitation creates an intense scrubbing action on the surface of the item being cleaned. The bubbles are small enough to penetrate microscopic crevices, cleaning them thoroughly and consistently.

Ultrasonic cleaning is extremely effective in removing dirt and grime, which would normally require tedious manual cleaning. Use an ultrasonic cleaner to clean a wide variety of instruments and mechanical parts, returning them to almost brand-new condition without damage to delicate parts.

5.2. General Operation



Open the lid and fill the tank with water. To avoid damage, make sure not to run the cleaner without water! Pour in some cleaning detergent if desired.



Put the objects in the basket. Make sure to exceed half of the tank volume level and that the object is immersed completely. Do not exceed the maximum level.



Close the lid, put the cleaner tank in its base and connect the cleaner to the mains.



Briefly press the on-off button to switch on the cleaner.



Briefly press the timer button and set the timer cycle (90-180-280-380-480 seconds). The cleaning process starts and the LED will light. Note that the cleaning process can produce some noise, which is completely normal. The display shows the current working time and the cleaner buzzes.



To stop the cleaning process before the programmed time, briefly press the on-off button. After the cleaning process is finished, disconnect the cleaner from the mains, open the lid and remove the object. Pour the water out of the tank and clean the tank. Take extra care when you empty your ultrasonic cleaner tank.

5.3. Cleaning Methods

General Cleaning

Use clear water for general cleaning. The object should be completely immersed. However, the water should not exceed the maximum fill level.

Thorough Cleaning

In order to obtain better results, you may add a few drops of universal detergent. We recommend using commercial dishwashing detergent – preferably without any lipid-replenishing substances (balm).

Partial Cleaning

For partial cleaning of larger objects, use the cleaner with its lid open. Make sure not to touch the liquid during operation!

Ultra-Cleaning

When items require extensive cleaning, use the thorough cleaning procedure first, refresh the water and repeat until the items are cleaned to satisfaction.

6. Care and Maintenance

General

Before starting any cleaning or maintenance activities:

- 1. Unplug the appliance's power cord from the outlet.
- 2. Let the appliance cool down.

Cleaning

Do not turn on the ultrasonic cleaner without water in the tank. Running it for more than 15 seconds with an empty tank will damage the cleaner or severely reduce its life.

Do not run the ultrasonic cleaner continuously or for a long period of time. It is recommended to let it cool down for 20 minutes after every 45 minutes of continuous use.

Do not keep water in the cleaning tank after use. Empty the tank from the cleaning solution and wipe the tank dry.

Storage

Do not expose the ultrasonic cleaner to direct sunlight for a long period of time. Keep it in a dry, cool and ventilated place.

7. Technical Specifications

power supply	230 V~, 50 Hz
power consumption	40 W
volume	750 ml
ultrasonic frequency	40 kHz
dimensions	
device	175 x 155 x 100 mm
tank	150 x 125 x 45 mm
material	stainless steel SUS304
weight	740 g

Use this device with original accessories only. The importer cannot be held responsible in the event of damage or injury resulting from (incorrect) use of this device. The information in this manual is subject to change without prior notice.

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