



# Ultrasonic cleaner



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**Product number: 726 683**

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**en** Instructions for use

## About these instructions

This product is equipped with safety features. Nevertheless, read the safety warnings carefully and only use the product as described in these instructions to avoid accidental injury or damage.

Keep these instructions for future reference. If you give this product to another person, remember to also include these instructions.

Symbols used in these instructions:



This symbol warns you about the risk of injury.



This symbol warns you about the risk of injury caused by electricity.

Signal words used in these instructions:

**DANGER** warns about the imminent risk of serious or fatal injury.

**WARNING** warns about the potential risk of serious or fatal injury.

**CAUTION** warns about the potential risk of minor injury.

**NOTICE** warns about the potential risk of material damage.



This indicates additional information.

## Safety warnings

### **Intended use**

This device is suitable for cleaning jewellery, spectacles, dentures, metal straps of waterproof watches, etc. You will find a more comprehensive list of objects you may clean with this device in the chapter “Which objects can be cleaned?”.

This device is designed for normal household quantities and is not suitable for commercial purposes.

### **Danger to children and people with limited ability to operate devices**

- This device may be used by children aged 8 and over, and by persons with reduced physical, sensory or mental capacities or a lack of sufficient experience and/or knowledge, provided they are supervised or have been trained in the safe use of the device and understand the potential dangers. Cleaning and maintenance must not be carried out by children unless they are aged 8 or over and are supervised.

Children must not be allowed to play with the device.

- Keep the packaging materials out of the reach of children.  
They pose several risks, including the risk of suffocation!

### **Danger due to electricity**

- Never immerse the device and mains adapter in water as this could cause an electric shock. Also protect all electric components from drops and splashes of water.
- Do not use the device near baths, sinks or other containers filled with water. Do not use the device with wet hands or while you are standing on a wet surface. When using the device in the bathroom, remove the mains adapter from the power socket after use. Storing the device near water poses a risk even if the device is switched off.
- Do not use the product outdoors or in rooms with high humidity.
- Only use the mains adapter provided with the device (see “Technical specifications”).

- Only connect the device to a properly installed power socket with earthed contacts with a mains voltage that complies with the technical specifications of the mains adapter.
- Never leave the device unattended while plugged in. The buttons do not disconnect the device from the mains supply completely. It can only be fully disconnected by unplugging the mains adapter, which must be easily accessible. Therefore, always connect the device to a power socket that is within easy reach so that you can remove the mains adapter quickly if necessary. Route the connection cable in such a way that it is not a tripping hazard.
- Check regularly whether the device or its connection cable show any signs of damage. Never use the device if the device or its cable is visibly damaged, or if it has fallen down.
- Do not make any modifications to the product. Do not attempt to replace the connection cable yourself. Have repairs to the device or the connection cable carried out only by a specialist workshop. Improper repairs can result in considerable danger to the user.
- Remove the mains adapter from the power socket ...  
... if malfunctions occur during use,  
... before filling the device,  
... after use,  
... before cleaning the device.  
Always pull on the plug, not the connection cable.
- The connection cable must not be kinked or crushed. Keep it away from sharp edges, hot parts of devices or other sources of heat.

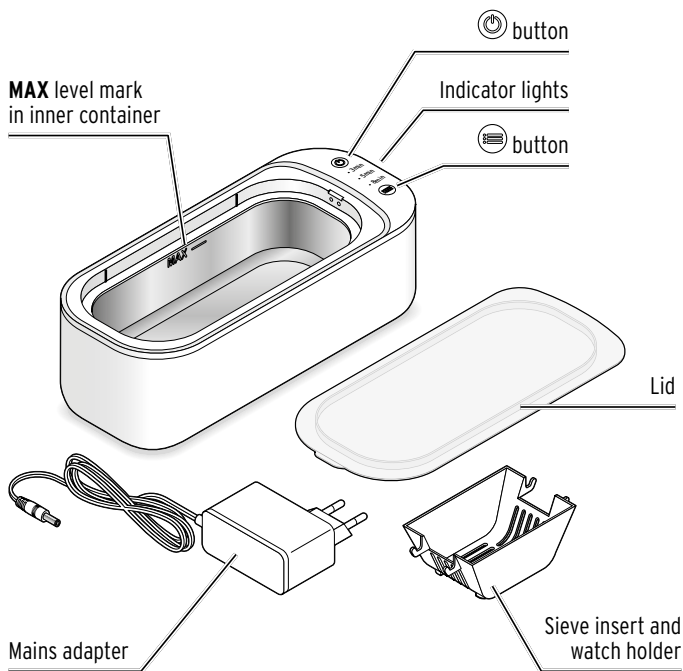
### **Risk of injury**

- Do not use any flammable cleaning liquids such as ethanol (methylated spirits), isopropyl, benzene, etc., in the device. There is a risk of explosion! Only use cleaning solutions that are specially formulated for ultrasonic cleaning devices or a few drops of mild detergent.
- Do not reach into the device while it is in use and avoid any contact with the cleaning liquid.

## Material damage

- Observe the information provided in the chapters titled “Which objects can be cleaned?” / “Which objects must not be cleaned?”. They include lists of materials that can be cleaned and those that are not suitable for cleaning with this device. If you are not sure whether an item can be cleaned with this device, or whether it could be damaged in the process, consult the retailer where the item was purchased. We cannot accept liability for scratched or damaged items.
- Do not place objects directly into the inner container, as they might get scratched. Always use the sieve insert provided.
- Loosely secured fittings, labels with air pockets or decorations on items, as well as other non-secured parts such as spectacle screws, may become loose during the cleaning cycle.
- Always clean one item per cleaning cycle. If you clean several items simultaneously, these could rub against one another and suffer damage.
- Never use household cleaners that contain caustic substances, scouring powder or ammonia in the device. Do not use strongly scented or moisturising soaps. After cleaning, thoroughly rinse off your jewellery and spectacles with a lot of clear water.
- Never operate the device without water as this will damage it.
- Some varnishes, synthetic substances and types of furniture polish may react adversely with the material of the non-slip feet and soften them. To avoid unwanted marks on furniture, place a non-slip and waterproof mat under the product, if necessary.

## At a glance (contents)



## Which objects can be cleaned?

### Spectacles



- Always lay your spectacles in the container with the lenses facing upwards.
- Spectacles and frames that are scratched must not be cleaned in the ultrasonic cleaner. Due to the ultrasonic technology, the scratches could become larger and impair the function of the lenses.
- Spectacles with anti-reflective lenses (or sunglasses with a reflective coating) can be cleaned in the ultrasonic cleaner. Before cleaning, make sure that the lenses/coating are completely free of scratches or other damage, as pre-existing damage to lenses with a reflective or anti-reflective coating could be worsened in the cleaning process.

### Gold, silver and metal jewellery



- The device is suitable for cleaning gold, silver and metal jewellery. However, the jewellery must not contain delicate or porous stones (see also "Which objects must not be cleaned?"). To be on the safe side, you should ask for information in the shop where the jewellery was purchased about whether the item is suitable for cleaning in an ultrasonic cleaner.
- Metal straps of waterproof quartz watches.


### Combs, dentures, dental braces and the razor cartridges of electric razors

### Pen nibs, printer nozzles, signature stamps


### Metal cutlery, coins, nozzles, metal valves

## Which objects must not be cleaned?


### Jewellery with delicate or porous stones

 Do not use the device to clean sensitive or porous stones such as pearls, mother of pearl, emerald, opal, coral, turquoise, lapis lazuli, malachite, black onyx and tiger eye.


### Spectacles with frames made of natural material

 Do not use the device for cleaning spectacles with frames made of sensitive or porous natural materials such as tortoise shell or horn.

### Watches

-  • Movements of watches must not be cleaned in the ultrasonic cleaner as this could cause damage.
- Watches that are not waterproof must **not** be cleaned in the device.
  - Many factors (impacts, falls, wear, seal, etc.) can affect the “life cycle” of both waterproof and non-waterproof watches. This means they cannot be guaranteed to be 100% waterproof. We are unable to accept any liability for possible damage.
  - Neither mechanical watches nor automatic watches (self-winding watches powered by wrist movement while being worn) must not be cleaned in the device. This could magnetise the coil spring inside the watch, meaning it would no longer keep accurate time.

### CDs and DVDs

 CDs/DVDs with even the most inconspicuous scratches could be damaged.

### Objects made of or containing wood, textiles or leather

### Contact lenses, camera lens filters, ceramics



## Use



### **WARNING** - damage to health

- Do not reach into the device while it is in use and avoid any contact with the cleaning liquid.

### **NOTICE** - material damage

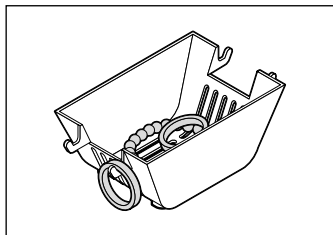
- Do not start the device without water.
- Always clean just one item per cleaning cycle. If you clean several items simultaneously, these could rub against one another and be damaged.
- Loosely secured fittings, labels or decorations on items, as well as other non-secured parts such as spectacle screws, may become loose during the cleaning cycle.
- Pay attention to the information provided in the chapter titled "Which objects can be cleaned?".



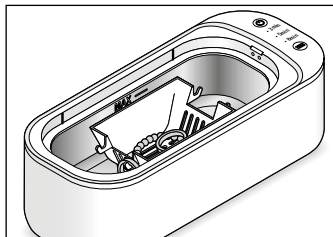
- The best cleaning results can be achieved with water that is boiled or distilled. This is because it contains no gases. The device also works with clear tap water - in which case we recommend letting the device run for a few minutes with just the water inside before inserting any objects.
- You can improve the cleaning results even more by using warm water with a few drops of mild detergent or a cleaning product that is specially formulated for ultrasonic cleaning devices. Ask your specialist retailer, watchmaker or jeweller for more information on this.

## Cleaning sensitive or small objects

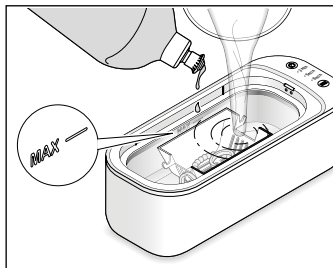
**i** The sieve insert absorbs a third of the ultrasonic energy and thus reduces the cleaning performance. It may therefore be necessary to repeat the cleaning process multiple times.



1. Place small objects to be cleaned into the sieve insert.  
You can hang rings on the hooks on the outside.



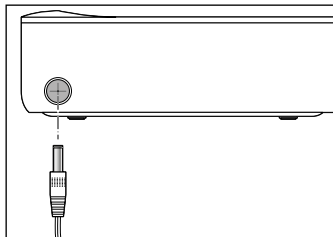
2. Place the filled sieve insert carefully into the device.




3. Fill the device with water and add two or three squirts of a mild washing-up liquid or a special ultrasonic cleaning solution.

Do not fill beyond the **MAX** level mark inside the inner container. However, make sure that the item is completely immersed in the cleaning liquid.


4. Place the lid on the device.




5. Connect the mains adapter to the socket on the device and then insert it into an easily accessible power socket.


6. Tap the  button for approx. 2 seconds.

All 3 indicator lights light up for approx. 1 second, then the **3min** indicator light flashes for approx. 10 seconds.

7. While the indicator light is flashing, use the  button to select how long the device should operate:


- 3 minutes
- 5 minutes
- 8 minutes

Tap the  button until the corresponding indicator light next to the desired period of time flashes.

8. Press the  button again to start the cleaning cycle.

The indicator light lights up continuously. The device will now operate for the selected period of time.

Once the time has elapsed, the device switches off automatically.

If you wish to stop cleaning prematurely, tap the  button.

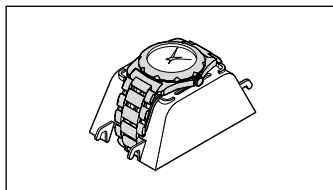
9. Remove the mains adapter from the power socket after use.
10. Take off the lid and carefully remove the sieve insert. Rinse the cleaned objects using plenty of clear water and carefully dry them with a soft, dry cloth.



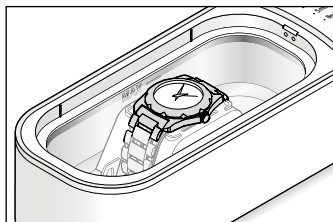
Most dirt particles will be removed or loosened after the first cleaning cycle. If dirt particles remain on the object, gently rub them off with a soft, dry cloth. If this fails to remove them completely, repeat the

cleaning process. However, you should wait at least 5 minutes before starting the next cleaning cycle.

### Cleaning metal watch straps

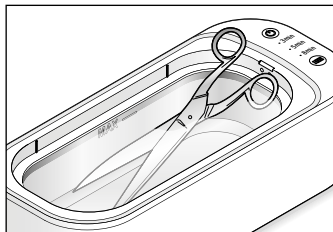


1. Turn the sieve insert over and place the watch over the watch holder as illustrated.



2. Place the sieve insert into the device as illustrated.  
**The watch itself must be above the water.**

### Cleaning large objects



1. To clean large objects, you can operate the device with the lid open.  
Large objects can only be cleaned in sections as illustrated.

2. After the first cleaning cycle, position the object such that the part that has not yet been cleaned is in the inner container, wait for approx. 5 minutes and then start a new cleaning cycle.

## Cleaning the device



**DANGER** - electricity

- Remove the mains adapter from the power socket before cleaning the device.
- Never immerse the device in water.

- ▷ Pour out the cleaning liquid after each use and wipe the inner container dry.
- ▷ If necessary, wipe the device and the inner container clean with a dry, lint-free cloth.
- ▷ Rinse the sieve insert under warm running water and dry it thoroughly.

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## Technical specifications




Model: 726 683

Mains adapter:



Model: HCX2402-1202000E

Manufacturer: Guangdong Huachuangxing Power Supply Co., Ltd.  
No.27 Fudong Road, Dongfeng Village, Leliu Street, Shunde District, Foshan City, Guangdong Province, PR China

Input: 100-240 V ~ 50/60 Hz

Output: 12 V  2 A 24 W  

(the  symbol indicates direct current)


(the   symbol shows the polarity of the plug)

Average efficiency

in operation:  $\geq 86.20\%$

on stand-by (10%):  $> 74.49\%$

No-load power consumption:  $< 0.1 \text{ W}$

Protection class:	II 
Power:	24 W
Power consumption when switched off:	0.22 W
Ultrasonic frequency:	approx. 48000 Hz
Water tank:	approx. 450 ml
Ambient temperature:	+10 to +40 °C
Made exclusively for:	Tchibo GmbH, Überseering 18, 22297 Hamburg, Germany



## Disposal

The product and its packaging have been manufactured from valuable materials that can be recycled. Recycling reduces the amount of refuse and preserves the environment.

Dispose of the **packaging** at a recycling point that sorts materials by type. Make use of the local facilities provided for collecting paper, cardboard and lightweight packaging.



**Devices** marked with this symbol must not be disposed of along with normal household waste!

You are legally obliged to dispose of old devices separately from household waste. Electronic devices contain hazardous substances and, if stored or disposed of improperly, may cause harm to health and the environment. Information about collection points where old devices can be disposed of free of charge is available from your local authorities.