



Professional Ultrasonic Medical Instrument Cleaner with two power mode degas

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SKYMEN
- Certification: CE ROHS
- Model Number: JP-040S
- Minimum Order Quantity: 1
- Price: Negotiation
- Delivery Time: In Stock
- Payment Terms: T/T, Western Union
- Supply Ability: 5000PCS per months



Product Specification

- Color: Silver
- Ultrasonic Power: 240W
- Heating Power: 200W
- Timer: 0~30 Minutes
- Heater: 20~80 Degree Celsius
- Ultrasonic Transducers: 4 Pcs
- Material: SUS304
- Highlight: **ultrasonic bath cleaner,
table top ultrasonic cleaner**



More Images



Product Description

Professional Ultrasonic Cleaning Machine Ultrasonic Medical Instrument Cleaner Upgraded

Specifications:

Total Working Power: 440 W

Cleaner Power: 240 W

Power Supply: AC110V-120V 60Hz/AC 200 ~ 240 V, 50Hz;

Heater: 200W (Digital Control)

Frequency: 40,000 Hz

Tank Materials: Stainless Steel SUS304

Tank Capacity: 10 liter (2 1/2gallon)

Cycles: 1 - 30 min (LED Digital Display) DO NOT continuously heating it for over 30mins

Temperature Setting: 20-80 degrees Celsius (70-176 degrees Fahrenheit)

Transducer Quantity: 4 pcs

Tank Size: 300 x 240 x 150 mm/11.8"L x 9 1/2"W x 5.9"H

Product Size: 325 x 265 x 280 mm (L x W x H)/12.8"L x 10 1/2" W x 11"H

Placing instruments in an ultrasonic cleaner is the most common method used by dental teams to clean instruments prior to sterilization. The ultrasonic activity — also known as cavitation — combined with detergent solutions, removes blood, saliva, and other debris from instruments. Without this cleaning process, heat sterilization of dental instruments is not effective.

But which ultrasonic solution is most appropriate? To determine this, let's take a look at the desired characteristics of an ultrasonic cleaning solution.

One of the most important characteristics is that the solution be compatible with the dental instruments and other items that will be cleaned. But the solution must also be compatible with the tank or chamber where the instruments are placed, which is metal.

Using a solution that has a low pH or acid, could potentially damage the instruments and the tank. Most ultrasonic solutions are neutral pH or alkaline. Both neutral and alkaline solutions are effective cleaners and non-damaging to the metals typically used for dental instruments; however, an alkaline solution is the product of choice in areas where there is hard water since these solutions are more effective at managing mineral deposits.

Mineral deposits can cause discoloration and/or pitting on some instruments. It is very important to note that the purpose of the ultrasonic solution is to clean, not to disinfect.

Sometimes a disinfecting solution is mistakenly used in the ultrasonic, which may not be a desirable pH. This could damage instruments and the ultrasonic unit. The only solution that should ever be used in an ultrasonic cleaner is ultrasonic cleaning solution.

In addition, if instruments are presoaked to prevent drying out of debris or to help remove debris prior to cleaning, this should also be done in an ultrasonic cleaning solution (compatible with instruments), not in a disinfecting solution. It is especially important to note that high-level disinfectants, such as glutaraldehydes, are particularly damaging to instruments, and can make blood and other organic materials much harder to remove.

The most recent developments in ultrasonic cleaning solutions have been the addition of enzymes to boost the cleaning properties of the solutions. The enzymes, or proteins, act as catalysts to break down organic materials, such as blood and saliva. Enzymatic cleaners will vary by the type of enzymes that are used.

The two most commonly added enzymes in ultrasonic cleaning solutions are amylase and protease. Protease, or proteolytic enzymes, are very effective at removing proteins, such as blood and saliva.

Amylase enzymes are more effective in removing carbohydrates and starches. Both of these enzymes can be combined in the same solution to enhance effectiveness.

Some ultrasonic cleaning solutions also contain rust inhibitors to protect instruments, especially hinged instruments. The products also come in various formulations: liquid concentrate, tablets and powders for use in the ultrasonic or as presoaks. In addition, there are several products available as gel or foam sprays that can be applied to instruments prior to placement in the ultrasonic unit. This is particularly helpful with surgical instruments.

Ultrasonic solutions should be changed daily, or sooner if they become cloudy or contain a great deal of debris. Since the solution is contaminated, items should never be placed into the solution or removed with bare hands. Also, the lid to the ultrasonic unit should always be on when the unit is running to prevent any aerosolization of the solution.

The last consideration when selecting an ultrasonic cleaning solution is environmental. Since many detergents still contain phosphates, which are harmful to the water supply, look for products that are very low in phosphates or are phosphate-free.

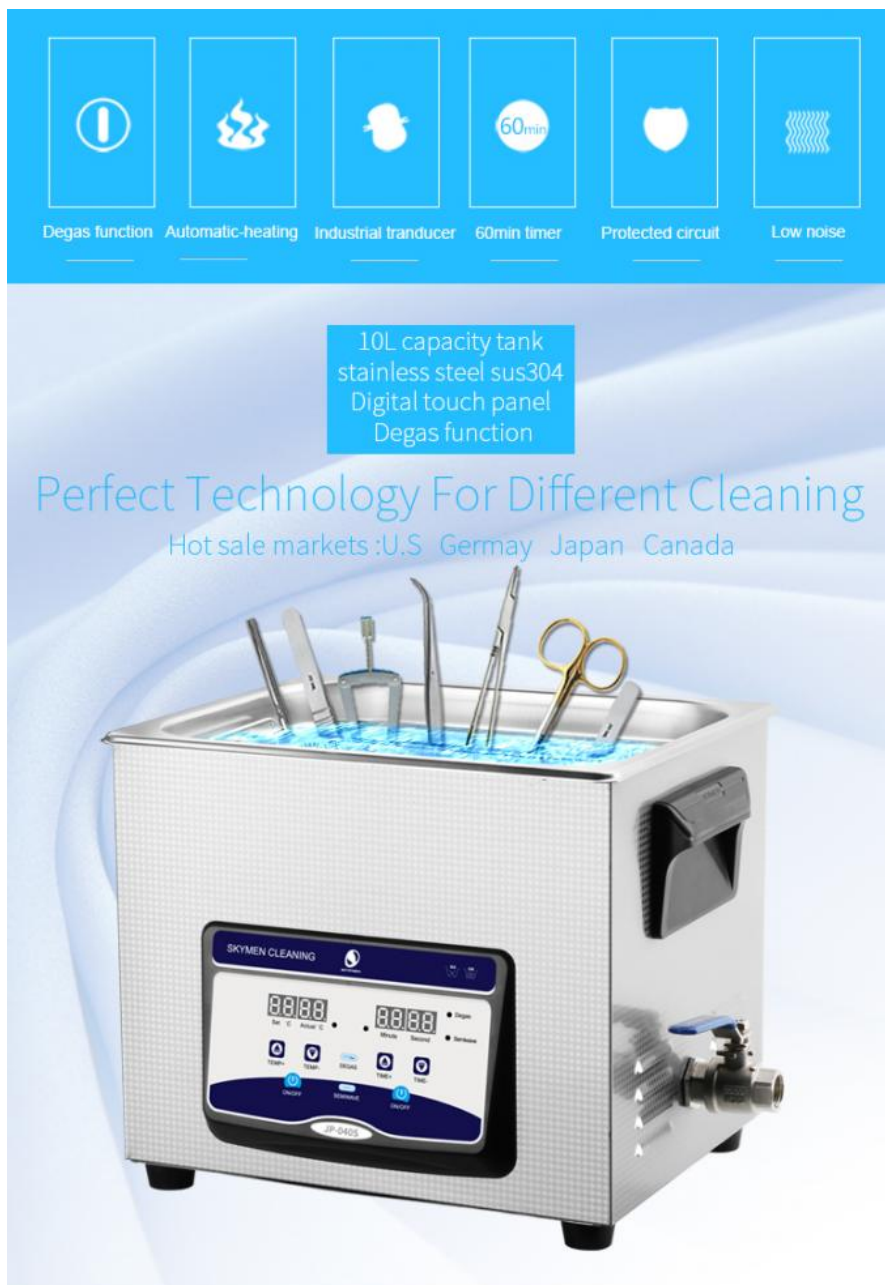


Digital Touch Control Panel

Skymen specialize in ultrasonic cleaners manufacturing since 2017

CE/ROHS/FCC/PSE/ISO9001





APPLICATION



Lab ware Hardware Jewellery Denture Fruit Glasses

Medical and surgical instruments in a variety of sizes and complexity can pose challenges when it comes to cleaning, disinfecting and sterilizing them after use. An ultrasonic cleaner is an ideal tool for the first step in this three step process to protect medical personnel and patients from possible infection due to pathogens that remain on the instruments after a procedure.

Suggested Ultrasonic Cleaning Procedure

In all cases manufacturers' instructions should be followed when using an ultrasonic cleaning process. These are representative steps.

Fill the ultrasonic cleaning tank with an approved medical instrument cleaning solution such as CLN-LR012 available from Tovatech following dilution instructions provided. Turn the cleaner on to start the degassing process. This step removes entrained air in new solutions that interferes with the efficiency of cavitation and takes approximately 10 minutes.

In the meantime:

Segregate instruments by alloy or composition to avoid potential damage (Chromium plated instruments should not be cleaned ultrasonically)

Instruments with movable parts should be disassembled to facilitate cleaning

Place the instruments the ultrasonic cleaner's mesh basket, taking care that they do not come in contact with each other
Cannulated or lumened instruments should be positioned to insure interiors are wetted with the cleaning solution. In some instances placing them on an angle will facilitate this

Set the control panel per manufacturers' instructions and start the cleaning process

At the end of the cycle, remove the instruments from the ultrasonic cleaning bath and thoroughly rinse them to remove all traces of the cleaning solution. Deionized water rinses will avoid spotting. If the instruments are not to be immediately disinfected and sterilized be certain that they are thoroughly dried and protected. Part reassembly can occur after sterilization. Procedures should be in place to guide the replacement of used ultrasonic cleaning solutions. In some instances it is recommended that solution be drained and tanks thoroughly cleaned and dried after each ultrasonic cleaning cycle. Most solutions available today are biodegradable, which facilitates disposal but local authorities should be consulted on proper practices.

Product description

Professional Use:

Medical and dental clinics, tattooists, laboratories, jewelers, opticians, watchmakers, restaurants, antique dealers and golf courses.

Excellent for cleaning:

Jewelry: Earrings, Necklaces, Rings, Bracelets and Diamonds.

Glasses and Timepieces: Glasses, Sunglasses, Optical Lenses, Contact Lens Accessories, Watch Chains and Waterproof Watches.

Tools of the Trade: Tattoo Guns and Tubes, Electric Shaving Heads, Razor Blades, Combs and Toothbrushes.

Stationery: Printer-heads, Ink Cartridges and Seals.

Metal Articles: Antique Coins, Badges, Valves, Machine Nozzles, Electronic Components and Mechanical Parts.

Metal Dishware: Forks, Knives, Spoon, Other Small Silverware etc.

Package Includes:

1 x Digital Ultrasonic Cleaner

1 x Cleaning Basket

1 x Manual



Insulation handle design

Insulation handle design ,
anti - static , anti - high
temperature , not slippery
hand , more secure .

STRONG CLEANING POWER: 4 industrial grade ultrasonic transducers (4x60 W=240W), easily and thoroughly cleans your valuables and small items; designed with latest technologies, this ultrasonic cleaner is expert in cleaning, maintenance, oxidation, extraction, cavitation and more, which makes it accommodate users' different needs.

EXTRA-THICK TANK: Extra-thick 0.04 in. (1.1mm) stainless steel tank with 2.6 Gal. (10L) volume, durable and sturdy to last for years to come; the integrated cleaning basket is perfect for keeping your jewelries, glasses, watches, or dentures in place

CONVENIENT SETTINGS: 20-80 degrees Celsius (70-170 °F) cleaning temperature recommended for improved cleaning performance, the user-friendly pre-set cleaning time options (1-30 minutes) provide you with convenience

SAFE USE: Dual fuse protection to prevent burn-out, turning on/off the cleaner frequently is NOT recommended; in the event of fuse damage, please change one to get the machine back to work



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