

600W Benchtop Ultrasonic Cleaner 30L Lab Musical Medical Surgical Instruments JP-100S

Our Product Introduction

for more products please visit us on skymenultrasonic.com

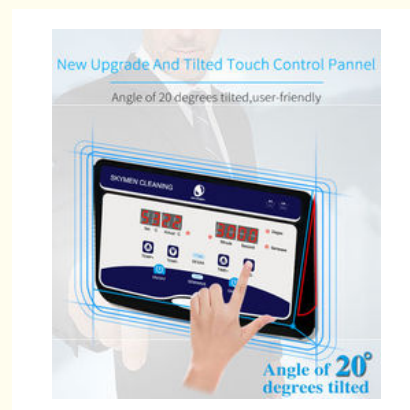
Basic Information

- Place of Origin: China
- Brand Name: SkyMen
- Certification: CE ROHS FCC SGS
- Model Number: JP-100S
- Minimum Order Quantity: 1 unit
- Price: Negotiation
- Packaging Details: 1 unit per box
- Delivery Time: In Stock
- Supply Ability: 8000 pcs per month



Product Specification

- Model: JP-100S
- Capacity: 30L
- Tank Size: 500*300*200mm
- Unit Size: 585*327*333mm
- Paking Size: 635*410*390mm
- Ultrasonic Power: 300W/600W
- Timer: 0-30 Minutes Adjustable
- Frequency: 40KHz
- Material: SUS 304
- G.W: 16KG
- Power Supply: AC 110V ; AC 220V
- Heating Power: 500W
- Highlight: **ultrasonic bath cleaner, table top ultrasonic cleaner**



Product Description

Table Top Large Ultrasonic Cleaner Ultrasonic Surgical Instrument Cleaning Bath

Features:

Sensitive touch control panel

Digital Control display

More convenient for operation

Stainless steel tank has resistance to wear and long work life.

Tank capacity: 30L

Digital timer, clear digital LCD display

With Stainless steel basket

Use just tap water, or industrial solvent cleaner for more higher cleaning requirement

Industrial control chip microcontroller. flexible circuit boards control, more secure & stable

JP-100S product specification:

Ultrasonic frequency	40,000Hz
Material of tank	SUS304
Material of shell	SUS304
Capacity	30L
Timer	Digital control, 0~30 mins
Heater	500W
Power supply type 1	AC 100~120V, 50/60Hz
Power supply type 2	AC 220~240V, 50/60Hz
Ultrasonic power	300W /600W
Tank inner dimension	500*300*200mm
Unit dimension	585*327*333mm
Inner Packing size	635*410*390mm
Transducer	10pcs
N.W.	14.4kg
G.W.	16kg
Certificate	SGS & CE & RoHS & FCC

Images of this model:



How to Use an Ultrasonic Cleaner for Medical & Surgical Instruments

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 in 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.

The ultrasonic cleaner uses ultrasonic waves (vibration) using water with detergents or enzymatic products to break up soil and organic material on medical instruments/devices. These devices are rinsed then autoclaved (sterilized). The autoclave sterilizer uses heat, steam, and pressure to kill all pathogenic microorganisms and their spores.

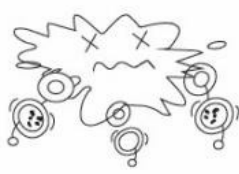
Working principle of Ultrasonic Cleaner

DIRT ELIMINATION PROCESS THROUGH ULTRASONIC TECHNOLOGY

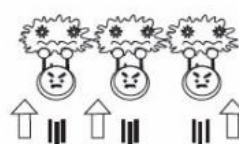
- Cleaning effect will be much better if using the machine together with proper solvent.



As ultrasonic wave through the solution in the tank, cause alternating high and low pressures in the solution.



During the low pressure stage, millions of microscopic bubbles form and grow. This process is called "CAVITATION".



During the high pressure stage, the bubbles implode releasing enormous amounts of energy. They work in all directions, attacking surface and invading all recesses and openings.

Package Includes:

- 1 x Digital Ultrasonic Cleaner
- 1 x Cleaning Basket
- 1 x Manual



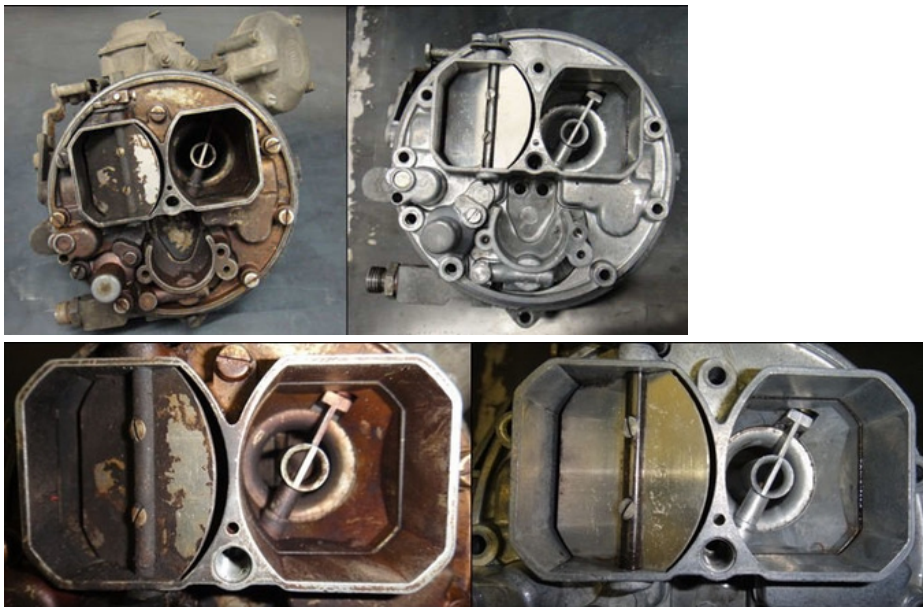
Cleaning effect:



Dirty Valve



Clean Valve



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