

Ultrasonic Bath - Sonics

After providing trust-worthy world class Ultrasonic Baths for last 25 years, TAKASHI has come out with latest Sonics series, based upon our patented cutting edge technology and solely owned intellectual properties. Sonics Ultrasonic Bath (also known as Ultrasonicator or Ultrasonic Cleaner) is the latest addition from TAKASHI and available in basically three categories:

- High Frequency H series (without Heater)
- Power adjustable High Frequency PH series (without Heater and with Heater) and
- Power adjustable Double Frequency PD series (without Heater and with Heater).



BASIC SPECIFICATIONS:

Display	Backlit LCD
Frequency	53 KHz (PD series with additional 35 KHz)
Amplitude Variation	40% - 100% (except H series)
Digital Timer	1 ~ 199 min. (H series: 1 ~ 99 min.)
Temperature Set	20 °C ~ 60 °C (with heater)
Tank Material	SS 304

SPECIFICATIONS:

Features	Models		
	U3	U4.5	U6
Ultrasonic Power	100W	150W	180W
Heater Power	75W	110W	150W
Capacity	3 liter	4.5 liter	6 liter
Tank Size (L x W x H) mm	240 x 140 x 100	300 x 150 x 100	300 x 150 x 150
External Size (L x W x H) mm	270 x 160 x 240	330 x 180 x 240	330 x 180 x 290

PART NO.:

U3H	Fixed power High frequency without heater
U3PH	Power adjustable high frequency without heater
U3PH/H	Power adjustable high frequency with heater
U3PD	Power adjustable double frequency w/o heater
U3PD/H	Power adjustable double frequency with heater

(in case of 4.5 liter and 6 liter volume put corresponding number in place of 3 in the above)

ACCESSORIES:

- Cover (standard supply with heating models)
- Support Rack (standard supply)
- Basket
- Glassware Holder
- Beaker Positioning Cover

SALIENT FEATURES:

High Frequency Operation

Sonics series operates in high frequency - 53KHz, very effective on cleaning as well as mixing (dissolving, emulsification, adulteration), degassing, de-foaming, extraction and chemistry stimulation

Double Frequency Operation

PD series operates in switchable double frequencies - 35 KHz and 53KHz. This option is required for varied sample where user requires both low and high frequency

Amplitude Control

Amplitude or intensity is set through keyboard and can be varied from 40% to 100% continuously, in step of 1% (not possible for H series). Output intensity of transducer thus can be set as per sample.

LCD Display

The machine is provided with elaborative backlight LCD display which gives real time information of set frequency, time, power, temperature of water in the trough etc. (except H series). Parameter is selected from displayed menu as per requirement

Digital Timer

Timing range 1 ~ 199 minutes (1 ~ 99 minutes in case of H series) can be set freely. Display provides information for elapsed time and ultrasonic ON/OFF time can be programmed

Heating Facility

If heating is required, temperature can be set in the range 20 °C ~ 60 °C (no cooling facility). Display provides real time display of set temperature and actual temperature. The bath provides ultrasonically water temperature harmonization (Min. actual temp. will be always R.T +5 °C)

Auto Alarm

The machine is safe and auto alarm and power off occurs upon boiling dry.

Memory Function

The machine comes with last parameter memory function

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