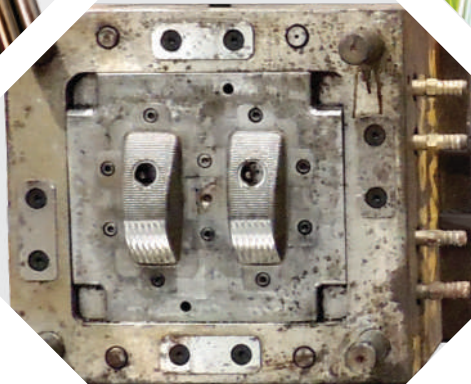


ULTRASONIC CLEANERS



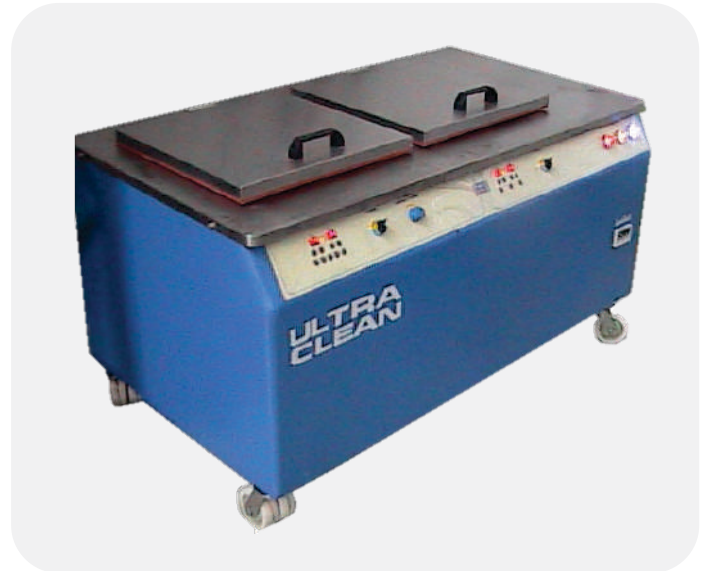
- ◆ Cleaning Dental & Medical Surgical Instruments.
- ◆ Cleaning Lab Instruments
- ◆ Industrial Part Cleaning & Degreasing & Mold Cleaning

APPLICATIONS

Nothing beats ultrasonic energy for cleaning an almost endless list of products and nobody beats our experience in helping you solve your toughest ultrasonic cleaning problem. Rely on us for quality products, expert sales assistance, and great technical support and warranties.

WHY ULTRASONIC

Vibrating frequency above 18Khz (18,000 cycles per second) is called Ultrasonic. As a result of these vibrations, a large amount of tiny vacuum bubbles are formed in the liquid (they are millions). They implode during high pressure & create highly effective pressure wave. This phenomenon is called cavitation & results in removal of dirt contamination from the object which is to be cleaned. To achieve ultrasonic effect high frequency generators are used which converts the frequency developed to the corresponding frequency of the Ultrasonic Unit which again is transformed into mechanical vibrations with the help of Electro mechanical transducers, benefits ultrasonic cleaning over conventional cleaning



Ultrasonic cavitation formation & rapid implode process removes dirt & other contamination from the items thoroughly & deep from the pores & crevices & also from the difficult intricate shapes of the item which is difficult to reach for conventional cleaning. Ultrasonic cleaning process is much faster & exceeds in cleaning efficiency when compared with conventional cleaning. It cleans so gently that it does not leave any form of scratch or surface damage of the object. Frequency developed to the corresponding frequency of the Ultrasonic Unit which again is transformed into mechanical vibrations with the help of Electro mechanical transducers, benefits ultrasonic cleaning over conventional cleaning

Ultrasonic Benefits

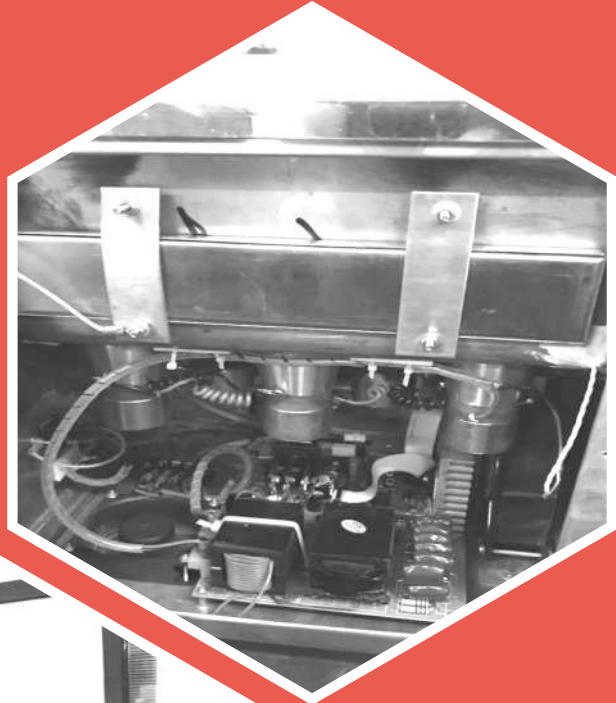
Ultrasonic cleaning is a safe, efficient and modern procedure which ensures perfect cleaning. It can remove even the most tenacious deposits, in the shortest time possible. Ultrasonic cleaning greatly reduces the risk of cross - contamination that can occur with manual cleaning. The ultrasonic cleaners are constructed of advanced electronic components and are available in various models. Cleaning times and temperatures are controlled electronically by a microprocessor. The ultrasonic serves as a standard equipment in surgeries, hospitals and other industrial applications.



Ultrasonic Technology

The Ultrasonic Cleaners are manufactured using Solid State technology for the Ultrasonic Generator and PZT Transducers for converting the electrical energy to mechanical vibrations in the cleaning liquid. The bonding is done by using weld bond method to ensure better efficiency and longer life. The ultrasonic energy thus converted creates cavitation in the cleaning liquid and when the cavities implode the cleaning is effected on the articles immersed in the cleaning liquid. Suitable cleaning agent is used depending on the contamination and the material to be cleaned

S.no.	Capacity in Liters	Tank Size in MM (L X B X H)	Basket Size in MM (L x W x H)	Enclosure Size in MM (L x W x H)	Ultrasonic Power in (Watts)	Heater power (Watts)	Frequency in Khz
1	UCL-25	405x405x155	350x350x125	460x485x400	500	500	33±3
2	UCL-30	380x380x210	325x325x17	490x505x485	600	500	33±3
3	UCL-50	560x305x305	500x250x250	620x370x615	750	1000	25±3
4	UCL-100	600x500x350	550x450x300	1000x750x900	1000	2000	25±3
5	UCL-150	700x600x350	650x550x300	1100x850x900	1500	3000	25±3
6	UCL-200	700x700x400	650x650x350	1100x950x900	2000	4000	25±3
7	UCE 500	1000x1000x500	950x950x450	Customised	5250	8500	25±3
8	UCE1000	1300x1300x600	1250x1250x550	Customised	10000	15000	25±3



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