

Detro[®] Cleanex

ULTRASONIC CLEANER



In the process of Ultrasonic Cleaning, the material that is desired to be cleaned, is put in the solution and the process is carried out by sending ultrasonic sound waves to the solution. High frequency sound waves are used to produce approximately 30.000 times higher and lower pressure changes.

Sound waves produce millions of microscopic air bubbles. Produced air bubbles react to the big pressure changes with exploding inward by extending and shrinking. During this inward explosion, a large energy is released. At the point of the explosion, temperature increases to 5000°C and pressure increases to hundreds of atm and it forms the shock waves. This ultrasonic cleaning happens by the brushing effect of these shock waves by hitting with a great speed to the surface of the material that is desired to be cleaned in the solution. Ultrasonic cleaning can be 16 times effective than manual cleaning.

TECHNICAL FEATURES



USAGE AREAS

In Hospital, Operation Rooms and Dental Laboratories;

- Surgical Instrument Cleaning,
- Prothesis Cleaning,
- Cleaning of Laboratory Equipments,
- Cleaning of smaller tools,

PROPERTIES

- Stainless steel cover and body,
- Ultrasonic energy converter,
- Ultrasonic timer,
- Thermostat controlled resistance,
- Automatic shutdown,
- Water Outgo,

TECHNICAL FEATURES

MODEL	CONTROL TYPE	EXTERNAL DIMENSIONS (lxwxd)	TANK DIMENSIONS (lxwxd)	TANK CAPACITIES	ULTRASONIC POWER peak/eff	HEATING POWER
		mm	mm	lt	Watt	Watt
Detro CleanEx-401	Analog	265*162*320	240*137*150	4	240/120	225
Detro CleanEx-411	Digital					
Detro CleanEx-901	Analog	325*265*370	300*240*150	9	500/250	450
Detro CleanEx-902	Analog					
Detro CleanEx-911	Digital					
Detro CleanEx-912	Digital	325*265*370	300*240*200	12	600/300	650
Detro CleanEx-1201	Analog					
Detro CleanEx-1202	Analog					
Detro CleanEx-1211	Digital					
Detro CleanEx-1212	Digital	530*325*420	505*300*150	21	800/400	1000
Detro CleanEx-2001	Analog					
Detro CleanEx-2002	Analog					
Detro CleanEx-2011	Digital					
Detro CleanEx-2012	Digital	530*325*420	505*300*200	28	1000/500	1200
Detro CleanEx-2801	Analog					
Detro CleanEx-2802	Analog					
Detro CleanEx-2811	Digital					
Detro CleanEx-2812	Digital					