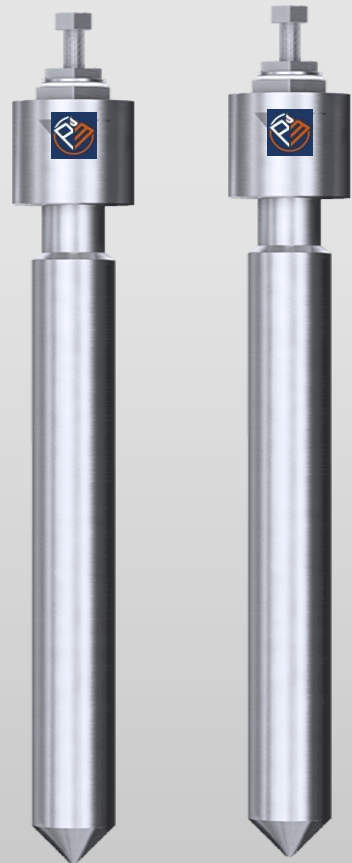
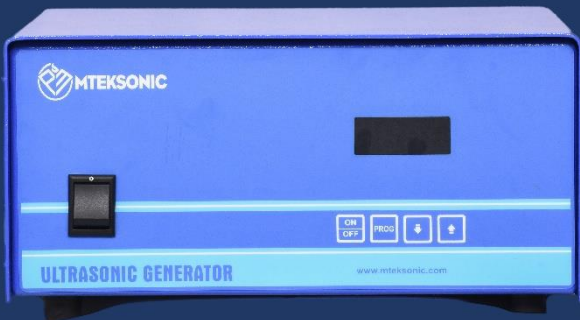




**MTEKSONIC**

**ULTRASONIC  
TUBE  
RESONATOR**



We offer the right Resonator model and related generator for any cleaning requirement. Ranges of frequencies and performance classes are available, as are specific dimensions. Furthermore, rod transducers can be equipped with one or two mounting points – Resonator can be used to outfit or retro-fit any system. can be easily refitted to existing chambers. Your cleaning units run smoothly and require no time-consuming maintenance work.

Cleanliness requirements for parts and surfaces in all industries and applications keep increasing. To allow seamless processing and to minimize failure rate the cleanliness level of individual components becomes a critical quality factor. And this is exactly where ultrasonic technology, suitable for coarse, fine, and ultra-fine cleaning from 20 to 40 kHz, comes into play. Users not only save of time and additives, but the high cleaning power also reduces energy consumption. These factors make ultrasound an especially sustainable technology.

**Output power up-to 500 watts to 1500 watts with 95% efficiency.**

**Operation at temperatures up to 65 °C**

**360-degree effect: sound field with outstanding efficiency**

**Space-saving design**

**Can be Installed in closed systems or open cleaning tanks**

**Frequency 25 KHZ / 30 KHZ / 40 KHZ**

**Long life use, to save machine fabrication cost.**



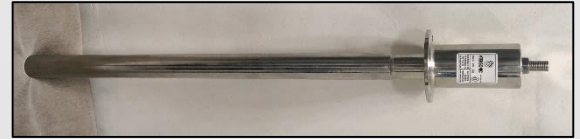
**Transducer bonded in tank bottom, this technology may damage tank bottom after few years.**



**Tube Resonator technology is mount at any direction, no surface contact hence no damages.**



## TECHNICAL SPECIFICATIONS



<b>FREQUENCY</b>	20 KHZ TO 40 KHZ 3% ±
<b>RESONATOR CONSTRUCTION</b>	S.S 316 L OR TITANIUM MATERIAL
<b>POWER EFFICIENCY</b>	300 WATTS TO 2000 WATTS EQUIVALENT
<b>ULTRASONIC GENERATOR</b>	MICROCONTROLLER IGBT/MOSPET BASE WITH OVER HEAT PROTECTION
<b>GENERATOR INBUILT FUTURES</b>	TIMER, SOFT START, FREQUENCY SWEEPING
<b>OPWER VARIABLE FUNCTION</b>	OPTIONAL
<b>AUTOMATION CYCLE</b>	GENERATOR START MANUAL OR TIMER OR PLC CONTROL
<b>COMPLIANCE STATUS</b>	MANUFACTURING ACCORDING ISO 13485:2016 FOR MEDICAL DEVICES
<b>COMPLIANCE STATUS</b>	CE : 93/42/EEC: MEDICAL DEVICES

## OSCILLATING BODY 60 MM AND FREQUENCY 20 KHZ TO 40 KHZ

POWER	LENGTH OSCILLATING	TOTAL LENGHT
500 W	300 MM	500 MM
750 W	500 MM	700 MM
1000 W	600 MM	800 MM
1500 W	700 MM	900 MM
2000 W	800 MM	1000 MM

# INDUSTRIAL CLEANING APPLICATIONS

AUTOMOTIVE

ELECTROPLATING

METAL PROCESSING

AUTOMOBILE INDUSTRIES

ELECTROPLATING PROCESS

DEFENCE MANUFACTURING

AVIATION INDUSTRIES

SPACE MANUFACTURING

AUTOMATIVE & ENGINES

SHIP MAINTENANCE

GRAPHIC INDUSTRY

MOULD MAINTENANCE

FOOD INDUSTRY

RAILWAY MAINTENANCE

SURFACE TREATMENT

**MTEKSONIC**



**MTEKSONIC**

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