

# MULTI-FREQUENCY ULTRASONIC GENERATOR

Multi-frequency Ultrasonic Generator is one of the new developed research equipment from ROOP TELSONIC ULTRASONIX LTD where not only ultrasonic power is variable from 0 to 100% but frequency also variable from 20 KHz to 800 KHz. Also available with different tank capacities from 2 to 28 liters or as per requirement. The ultrasonic generator is designed with built-in circuit protection for all possible fault and load conditions.

With the Multi-frequency Ultrasonic Generator, wide range of chemical and physical processes can be performed & is ideally suited for research & development activities in the area of sono-chemistry applications.



## Special Features :-

- ★ Variable Frequency from 20 KHz to 800 KHz.
- ★ Variable Power from 0 to 100 % (0 to 300 watts).
- ★ Built in circuit protection for all possible fault and load conditions.
- ★ Microprocessor controller permits reproducible laboratory results.
- ★ Digital wattmeter to display actual power used.
- ★ Digital control of time & temperature.
- ★ SS tank with complete SS body.
- ★ Rugged & easy to clean stainless steel housing.
- ★ Maintenance free.
- ★ Latest technology.
- ★ Universal applications.



## MULTI-FREQUENCY ULTRASONIC GENERATOR

### Technical Specifications

<b>Ultrasonic Power Output</b>	<b>300 watts</b>
<b>Frequency Range</b>	<b>20 KHz to 800 KHz</b>
<b>Power Variation</b>	<b>0 to 100% ( 0 to 300 watts )</b>
<b>Power Control</b>	<b>ON / OFF (Digital)</b>
<b>Timer</b>	<b>up to 999 min</b>
<b>Temperature</b>	<b>0 to 70<sup>0</sup> C</b>
<b>Tuning</b>	<b>Automatic</b>
<b>Multi Frequency Transducers</b>	<b>Selectable 4 to 10 max.</b>
<b>Processor Tank Capacity</b>	<b>2 to 28 Liters or Immersible Box</b>
<b>Power Input</b>	<b>230 V AC / 50 Hz</b>

Also available with different Tank Capacities as per requirement.

Accessories: Tank cover, beaker positioning cover, basket, insert basket for beaker.

NOTE : In one tank maximum 4 transducers can be selected.

Specifications are subject to change without notice.

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