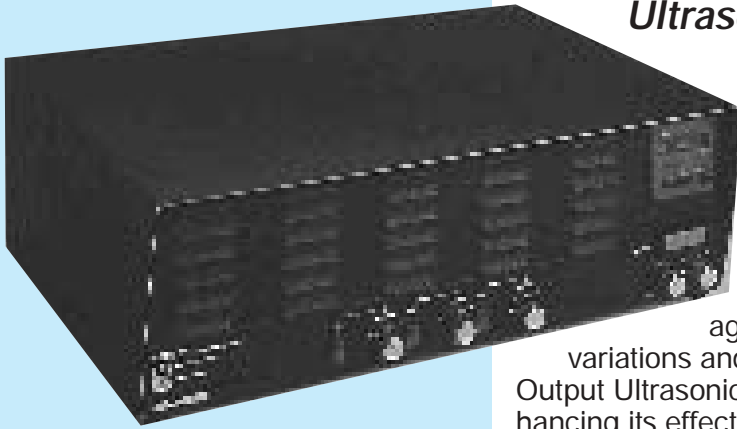


4002 ULTRASONIC GENERATORS

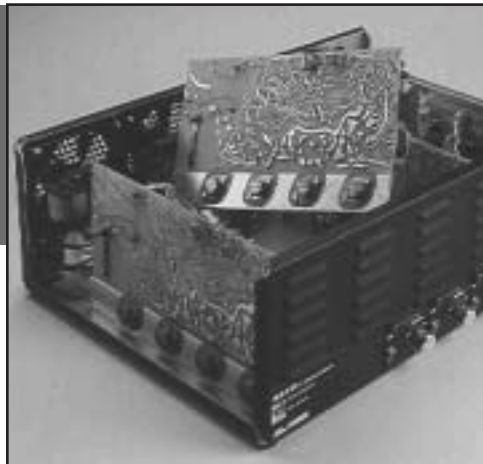
4002 Constant Power Output (CPO) Ultrasonic Generators



L&R's Constant Power Output (CPO) Ultrasonic Generators offer powerful cleaning without jeopardizing delicate electronics or other components. L&R's CPO Generators ensure reliability, repeatability and consistency for industrial cleaning applications.

The secret of the CPO Generator is in its ability to regulate power output, regardless of tank load, while automatically compensating for such variables as line voltage during brownouts and power surges, temperature variations and cycle interruptions. With an L&R 4002 Constant Power Output Ultrasonic Generator, the power level is kept constant, thus enhancing its effectiveness and allowing the user more cleaning consistency and repeatability.

The 4002 CPO Generators are easy to service in the field. Generator modules can be replaced by simply inserting in a new printed circuit board, minimizing downtime.



4002 CPO Generator Features

- Constant Power Output with line variations between 105V and 125V
- Constant Power Output is provided regardless of solution level, cleaning load or voltage fluctuations
- Individually fused field-replaceable generator modules
- Generator shutdown protection
- Auto re-start
- Can be used to drive immersible transducers or bonded tanks
- Digital timer with repeat cycle
- Military type connections with single shielded interconnect cable to connect generators to tank
- 43kHz operating frequency
- Available in 100V, 117V, 220V, 230V or 240V
- 50/60 Hz line frequency

4002 CPO Generator Specifications:

PRODUCT CODE	MODEL	OVERALL DIMENSIONS (L x W x H) INCHES AND CENTIMETERS		AVERAGE POWER	CURRENT @ 117VAC
17679	4002-1/5	9" x 17" x 7"	22,9 x 43,2 x 17,8 cm	500 watts	4.3
17677	4002-1/6	9" x 17" x 7"	22,9 x 43,2 x 17,8 cm	600 watts	5.1
17687	4002-2/5	14" x 17" x 7"	35,6 x 43,2 x 17,8 cm	1000 watts	8.5
17685	4002-2/6	14" x 17" x 7"	35,6 x 43,2 x 17,8 cm	1200 watts	10.2
17693	4002-3/6	22" x 17" x 7"	55,9 x 43,2 x 17,8 cm	1800 watts	15.3

4002 CPO Generator with SweepZone™ Technology Specifications:

18241	4002ST-1/5	9" x 17" x 7"	22,9 x 43,2 x 17,8 cm	500 watts	4.3
18245	4002ST-1/6	9" x 17" x 7"	22,9 x 43,2 x 17,8 cm	600 watts	5.1
18257	4002ST-2/5	14" x 17" x 7"	35,6 x 43,2 x 17,8 cm	1000 watts	8.5
18261	4002ST-2/6	14" x 17" x 7"	35,6 x 43,2 x 17,8 cm	1200 watts	10.2
18277	4002ST-3/6	22" x 17" x 7"	55,9 x 43,2 x 17,8 cm	1800 watts	15.3

SweepZone™
TECHNOLOGY

For Powerful, Consistent Cleaning

- Creates a cleaning wave of \pm 2kHz energy that sweeps back and forth through the tank
- Aggressive cavitation creates more powerful cleaning
- Senses cleaning load, solution level and voltage fluctuations
- Automatically adjusts to create consistent cleaning power
- Cleaning wave reaches all corners of the machine creating uniform cleaning power
- Results in cleaning power without hot spots or weak areas