

Ultrasonic Cleaning Generators – ECO[®]

Reliability in a compact design

Advantages at a glance

- Robust, compact construction
- Highly reliable operation
- Fully automatic control and monitoring of operating frequency and output
- Maintenance free



TELSONIC supplies powerful ECO generators that, owing to their compact design, take up little space, and can be used in harsh environments. This is achieved through indirect cooling in which the cooling air does not come into contact with the electronic components.

The generator's inputs and outputs have been specially designed for plant engineers and offer all options for external control. The multi-functional housing of the generator makes it suitable for use as a bench model, in 19" switch cabinets or on DIN rails. The ECO can achieve a peak output of 2000 W.

Application areas

- Cleaning of end and intermediate products
- Equipment care
- Maintenance

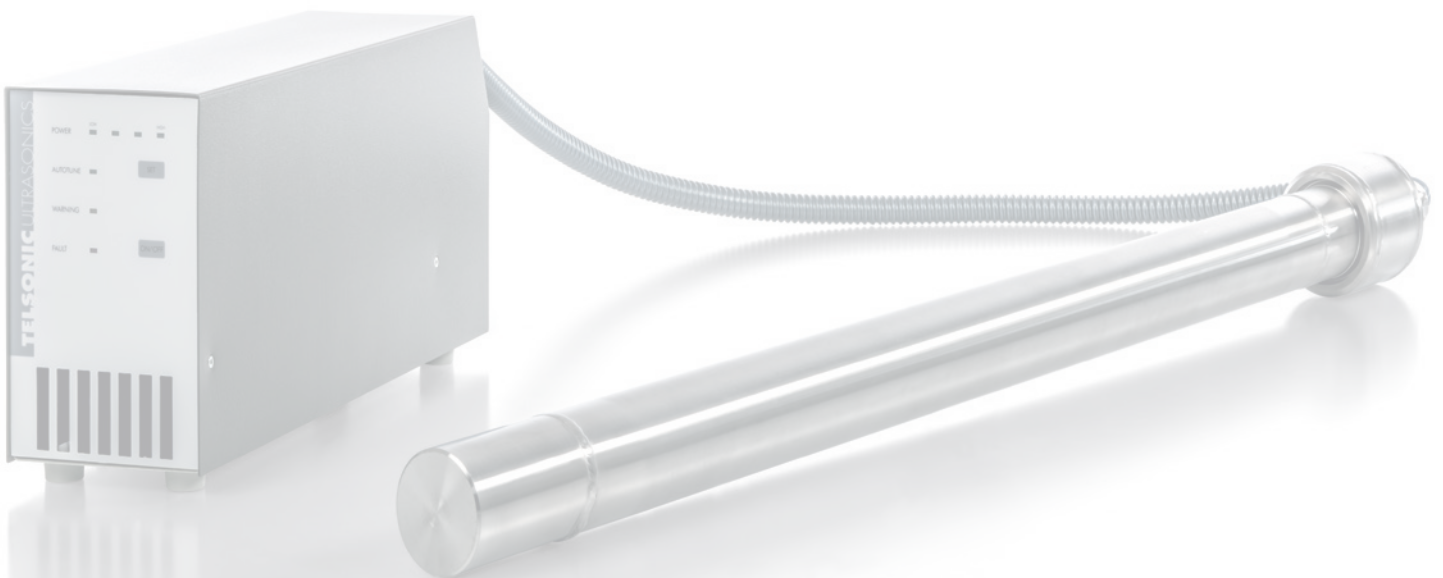
Industries

Manufacturer of cleaning installations for:




- Automotive
- Electrical engineering
- Chemical
- Electroplating
- Precision engineering
- Power stations
- Metal
- Optics and glass
- Aviation

Features and benefits

- Suitable for tube resonators
- Indirect cooling
- Degree of efficiency >90 %
- Excess temperature and overvoltage cutout
- Protects against short circuit and no-load operation
- 3 freely programmable relay outputs, 5 electrically isolated 24V inputs, e.g. for external output presets
- Fully automatic regulation and monitoring
- Table housing, 19" rack version or DIN rail mounting for wall mounting
- Operation via a clearly-arranged membrane keyboard or an external controller








ECO® ultrasonic generator

Frequency	20 kHz	25 kHz	40 kHz
Power maximal	600 W + 1000 W	1500 W + 2000 W	750 W + 1000 W
Maximum power consumption	6,0 Aeff	8,0 Aeff	6,0 Aeff
Dimensions W x H x D	105 x 165 x 390 mm	105 x 165 x 390 mm	105 x 165 x 390 mm
Installation options Table Top 	✓	✓	✓
Installation options 19" rack 	✓	✓	✓
Installation options wall mounting or DIN rail installation 	✓	✓	✓
Activation	Keypad or control interface D-Sub 25 pol.	Keypad or control interface D-Sub 25 pol.	Keypad or control interface D-Sub 25 pol.

Available options and accessories

Options and accessories

	Tube resonators	Tube resonators in various models: Robust and durable design creates homogeneous 360° sound field.
	Installation bracket 701020200	Used for the installation of the ultrasonic generator in a switch cabinet or on the wall.
	Service plug with diagnostic LED 930101000	Service plug with diagnostic LED for monitoring the control interface.
	HF cable twin axial 514210031 514210060 514210101 514210037 514210200	HF cable twin axial UL 3 m HF cable twin axial UL 6 m HF cable twin axial UL 10 m HF cable twin axial UL 15 m HF cable twin axial UL 20 m Maximum cable length 40 m
	HF cable silicone 514210300 514210310 514210320	HF cable silicone 3m HF cable silicone 6m HF cable silicone 10m Maximum cable length 20 m

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