

**MMM SONIC & ULTRASONIC  
CLEANING & LIQUID PROCESSING**

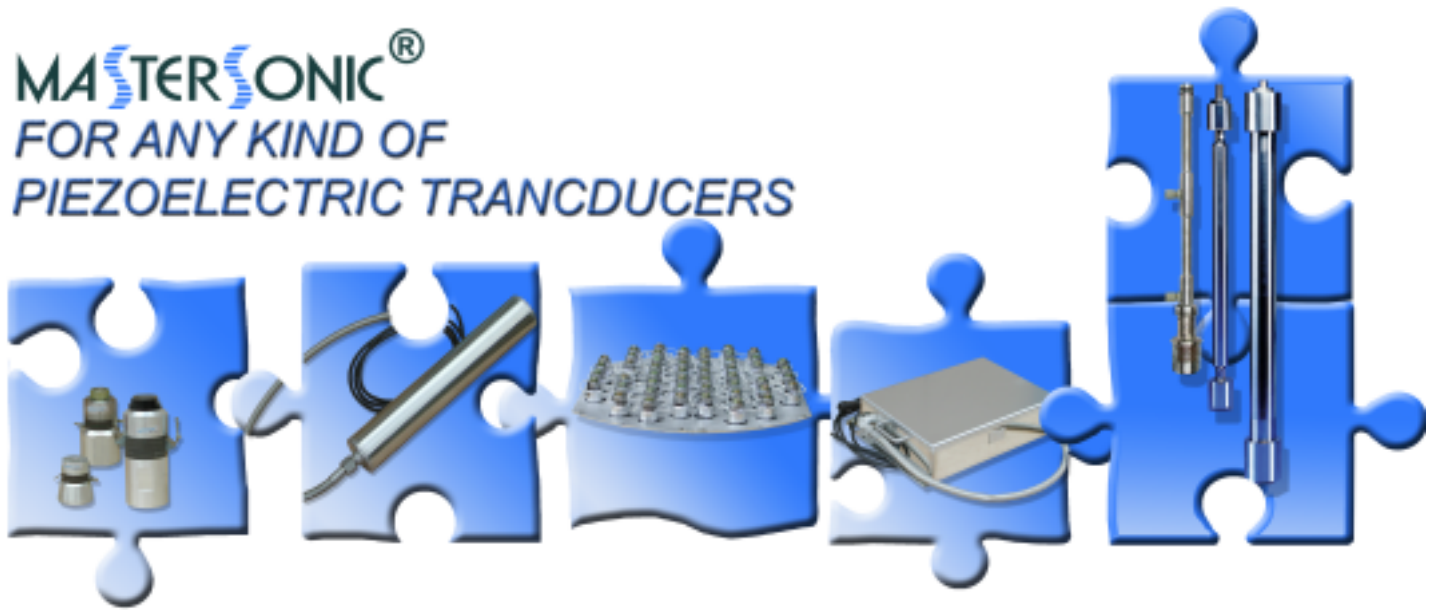


**PRELIMINARY**

**UNIVERSAL POWER SUPPLIES**

The MASTERSONIC program represents a brand new approach in [Sonic and Ultrasonic Power Supplies](#). The **MASTERSONIC power supply equipment** is based on the **MMM Technology**, which enables producing high efficiency active power in wide-band sonic and ultrasonic vibrations, merging the state of the art of DSP and Power Electronics.

**MASTERSONIC®**  
 FOR ANY KIND OF  
 PIEZOELECTRIC TRANSDUCERS



**MMM Technology**  
**M**ultifrequency, **M**ultimode, **M**odulated Sonic & Ultrasonic Technology.

**MMM Technology** represents a brand new approach in the world of acoustic technologies. All sonic and ultrasonic parameters are fully programmable and controllable. This ensures high operating efficiency and effectiveness for any complex mechanical system, consisting of arbitrary resonating elements.

The **MMM Technology** creates powerful 3D sonic and ultrasonic activity in liquids and solids with arbitrary shapes and sizes. **MMM Sonic & Ultrasonic Vibrations** are covering and sweeping an extremely wide frequency band. Such sonic and ultrasonic driving creates uniform and homogenous distribution of acoustical activity inside of the vibrating fluid, while avoiding the creation of stationary and standing waves, so that the whole vibrating system is fully agitated.

**MMM** sets exciting standards in Precision Cleaning and Sonochemistry. **MMM** is not only more efficient and effective than any other ultrasonic cleaning and liquid processing technology, it is **UNIQUE**. No other manufacturer has yet achieved and matched **MMM Sonic & Ultrasonic** technology.

	MSG 300.OF	MSG 600.OF	MSG1000.OF
Power Supply Voltage	230 V; 50/60 Hz	230 V; 50/60 Hz	230 V; 50/60 Hz
Max. Input Power	400 W	700 W	1300 W
Non-modulated carrier Frequency	19.020kHz ÷ 46.728 kHz continuously adjustable	19.020kHz ÷ 46.728 kHz continuously adjustable	19.020kHz ÷ 46.728 kHz continuously adjustable
Output Power	300 W	600 W	1200 W
Peak Output Power	1500 W	3000 W	6000 W
Output HF Voltage	~ 500 V-rms	~ 500 V-rms	~ 500 V-rms
Dimensions (h x w x d)	170x150x150mm	250x150x150mm	330x160x130mm
Weight	2 kg	3.6 kg	4 kg
Output MMM frequency	Wideband, from Hz to MHz	Wideband, from Hz to MHz	Wideband, from Hz to MHz

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