

# Ultrasonic Generators (Type GM and GMR)

Power Sonics™ is the most powerful ultrasonic cleaning technology available. To deliver the required 20 kHz ultrasonic energy, Magnus Engineered Equipment offers Power Sonic Ultrasonic Generators. These generators are built for durability and continuous operation, and deliver the 20 kHz energy needed to power the high mass Power Sonics™ magnetostrictive transducers. Each generator delivers 1000 Watts of power and should not to be confused with less powerful generators used to power piezoelectric transducers. These sonics have **5x** more cleaning power than 25kHz systems and **20x** more cleaning power than 40kHz cleaning systems.



## POWER GENERATOR IGBT TECHNOLOGY

GM (used with "flat" transducers) and GMR (used with "radial" transducers) generators are our newest power supplies. They are designed to be highly self protective, self diagnostic, and operate effectively in less than ideal conditions. Operating at 20 kHz, these generators power the most powerful transducers available for ultrasonic cleaning.



## INTERCHANGEABLE

The entire line of Power Sonics™ generators has been designed to be directly interchangeable with equipment previously manufactured by Westinghouse and Pillar Magnetostrictive Equipment.

## FRONT PANEL DISPLAY

The front panel displays multiple lights which indicate operational and trip conditions of the generator. Green LEDs indicate ON conditions while red LEDs indicate trip conditions. The status of the lights allow the user to diagnose any operational issue through instructions supplied with the generator.

## REAR PANEL

- 120 V / 20 amp input
- Connection for remote control
- Connection for verification of ultrasonic power generation

## OPTIONAL FEATURES

- A factory installed Microcontroller based timer with start/ stop and reset feature.
- Cabinet enclosures for stacking multiple units.

