



YES, IT IS MASTERSONIC...



## MMM SONIC & ULTRASONIC CLEANING & LIQUID PROCESSING

Address: MP Interconsulting, Marais 36, 2400 Le Locle - Switzerland www. mastersonic.com www.mpi - ultrasonics.com mastersonic@mastersonic.com

No other manufacturer has yet achieved and matched MMM exciting standards in precision cleaning. MMM is not only more efficient and effective than any other ultrasonic cleaning technology, it is UNIQUE.

- Superior and deep penetration, independent of water levels.
- Reliability with extra power spread throughout the bath.
- No risk of damage to fine parts and sensitive instrument.
- Extremely efficient electronics and transducer coupling to ultrasonic bath.
- Homogenous spatial distribution of ultrasonic activity (no dead zones, no standing waves, fast and large frequency sweeping, broadband spectrum, complex modulation).





- Fast liquid conditioning and degassing. Smooth Ultrasonic, PWM-power regulation from 1% to 100%.
- Fast and automatic ultrasonic-power and highactivity recovery.
- Cavitation level control.
- Wide bandwidth, programmable carrier frequency
- Programmable frequency, phase and PWM modulation
- Remote control, RS 485, RS 232C, handy keyboard, manual control...
- Overload protections: Over voltage, over current, thermal, short circuit
- Using the state-of-the-art MMM technology, "standing waves" do not exist and the efficiency goes well up!
- Applications: Sonochemistry, Cleaning, Sieving, Filtering, Metallurgy and Nanometallurgy, Catalysts and Free Radicals generation...

