



An ISO 9001 Certified Company



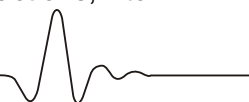
ULTRASONIC HIGH-POWER SONO-PROCESSOR

For Online Continuous and Batch Processes



APPLICATIONS :-

- ❖ Particle Size Reduction.
- ❖ Homogenization.
- ❖ Polymerization / De-polymerization.
- ❖ Dispersion / Suspension.
- ❖ Crystallization.
- ❖ Emulsification / Mixing.
- ❖ Degassing.
- ❖ Atomization.
- ❖ Disruption of Cells.
- ❖ Agglomeration / De-agglomeration.
- ❖ Acceleration of various chemical reactions, Etc.



ULTRASONIC HIGH-POWER SONO-PROCESSOR

With Micro-Computer Controlled Ultrasonic "SONO-PROCESSOR", a wide range of Conventional Chemical & Physical Processes can be performed efficiently such as particle size reduction, preparation of emulsions and dispersions, homogenizing of liquids, atomizing, acceleration of various chemical reactions, disruption of cells, extraction, etc.

"SONO-PROCESSOR" is ideally suited for Online Continuous & Batch Processes.

"SONO-PROCESSOR" will display Time, Temperature & Ultrasonic Power. One can preset desired Time, Temperature & Ultrasonic Power required.

SPECIFICATIONS :-

Power Supply	: 220 V AC, 50 Hz.
Ultrasonic Power Output	: 1 KW/ 2 KW/ 3 KW.
Frequency	: 20 KHz / 25 KHz / 40 KHz.

SPECIAL FEATURES :-

- ❖ Pre-selection of the required Amplitude (30 to 100%)
- ❖ Fully Automatic Frequency Servo-Control.
- ❖ Microprocessor Controlled Timer 0 to 24 Hours.
- ❖ Continuous Display of Time, Temperature & Ultrasonic Power.
- ❖ Pre-selection of different Time, Temperature & Ultrasonic Power required is possible.
- ❖ Stabilization of Amplitude within +/- 2%.
- ❖ High specific Ultrasonic Power, direct interaction between processing medium & Ultrasonic Probe.
- ❖ Individual & Application specific versions can be made.
- ❖ Can be installed for Online Continuous & Batch Processes.
- ❖ As per requirement additional **SONO-PROCESSORS** can be added in series.
- ❖ Degassing of processing medium is possible.

Note : Technical specifications are subject to change without prior notice due to continuous upgradation

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