

NEW ULTRASONIC 100 kHz TRANSDUCER AND 1500 W GENERATOR

SinapTec innovates and investigates new fields with the launching of a new 100 kHz transducer and a new 1500 watts generator.

SinapTec developed a new 100 kHz transducer which allows rising higher in frequency for even more thorough cleaning for fine and fragile pieces. Like lower ultrasonic frequency models (28 and 40 kHz), they can be implemented directly on the tank wall, on ultrasonic plates, or in immersible transducers.

The new 1500 Watts generator provides more power in still the same compact design. This kind of high power level can be useful for many applications in the fields of cleaning, welding and liquid processing. This generator is part of the NexTgen range and allows to monitor your process and to get to a fine remote diagnosis. As other SinapTec generators, this 1500 Watts generator is available in Classic, or Process model, which includes new functionalities: settable control inputs, temperature regulation, water level control...

Our product range

Transducers

- Unit transducers or flange or immersible transducers for cleaning
- Probes for liquid processing
- Nozzles for spraying
- Blades for slicing
- Welding heads and sonotrodes
- ...



New 100 kHz
transducer

Ultrasonic generators

- Compact
- From 25 W to 2 kW
- Designed for industry
- Communication fieldbus
- Remote diagnosis



New 1500 W
generator

NexTgen software

- Advanced settings
- Power, voltage, current graphics monitoring
- Advanced diagnosis tools

About SinapTec

SinapTec is an independent SME with over 30 years experience in the development of innovative piezoelectric and ultrasonic solutions for use in research and industry.

Although the principle of generation of an ultrasonic field is always the same, the possible applications with ultrasounds are varied and depend on the environment in which ultrasounds are used. Possible applications can be welding, spraying, slicing... It includes also particularly commonly used cleaning applications for the efficiency of ultrasounds like cleaning, decontamination, degreasing

Sinaptec designs and develops innovative ultrasonic solutions in collaboration with its clients for varied applications in industry and health fields. SinapTec know-how and approach relying on ten or so patents, allow it to intervene in the different phases of a project and meet its client's expectations. SinapTec is labeled SRC (Contract Research Organization) by Oseo and is partner in several European projects and competitiveness clusters.

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