

Ultrasonic Lab750 For radial probe



TYPICAL APPLICATIONS

- Homogenisation
- Degassing
- Enzyme/DNA extraction
- Emulsification
- Reaction acceleration
- Bacterial destruction
- Sonochemistry
- Cell lysis
- Extraction...

TITANIUM PROBE

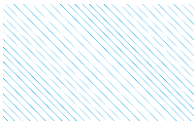
20kHz Radial Probe

Diameter: 30mm

Active length: 242mm

Total length: 329mm

Sample volume*: 400 - 2000ml



FEATURES

Processor NexTgen Lab750

- Max. power: 750W_{RMS}
- Frequency: 20kHz
- Amplitude setting: 10% - 100%
- Control mode: auto-tuned frequency mode
- Dimensions (LxWxH): 390x145x148mm
- US Start/Stop by LabTablet, dry contact, footswitch or laptop
- Integrated cooling fan

20kHz ultrasonic transducer

- Diameter: 55mm
- Length: 87mm
- Air cooling input/output

LabTablet for intuitive setting

NexTgen software, « Start » version

OPTIONS

LabPremium software - traceability, temperature-related operation, worldwide remote assistance

In addition to the functions of our « Start » software, full traceability of the processes is guaranteed by continuous registration of all data and the possibility of its exportation to Excel (data logger principle).

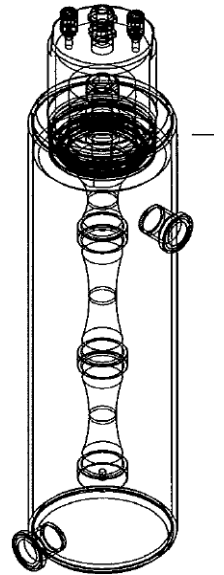
Our **LabPremium** software likewise enables to link the operation of the equipment to temperature conditions. For example, as soon as a certain sample temperature is reached, the operation stops or continues by cycles, according to your settings.

The **LabPremium** is also particularly appreciated for its “quick diagnosis” functionality and the given possibility of worldwide remote assistance.

FLOW CELL REACTOR

The flow cell reactor enables sample treatment in a continuous or start/stop treatment mode.

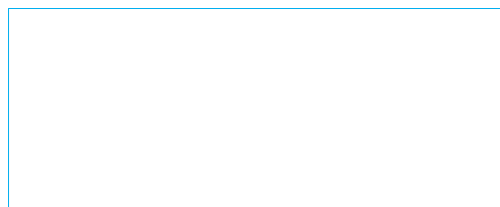
This kind of laboratory application is in many cases implemented in subsequent industrial scale-up.



ACCESSORIES

TEMPERATURE SENSOR	Associated to the NexTgen LabPremium PC-software, it enables to temperature monitoring and temperature-related operation.
SOUND DAMPING ENCLOSURE	Comprises the support stand and clamp to fix the transducer. Size (HxWxD): approx. 800x400x400mm. Exits with a drawer (option).
STAND AND CLAMP	Holds the system in place during operation.
LIFTING SUPPORT	Permits to adjust the height in order to properly immerse the probe.
FOOTSWITCH	Activates the ultrasounds remotely.

Your local distributor



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