

Ultrasonic Lab750 For radial probes



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: 750WRMS
- 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).

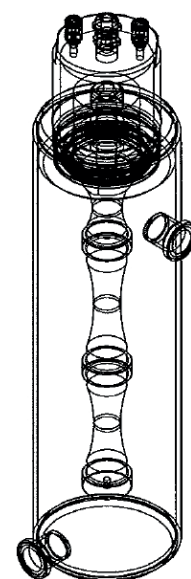
Our **LabPremium** software likewise enables to link the operation of the equipment to temperature conditions. For example, as soon as a certain sample temperature is reached, the operation stops or continues by cycles, according to your settings.

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.

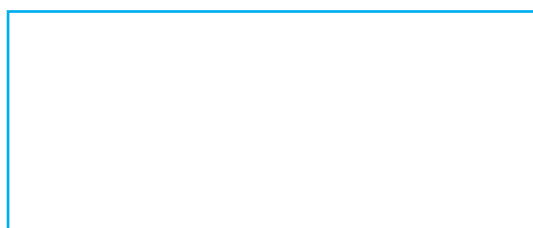
This kind of laboratory application is in many cases implemented in subsequent industrial scale-up.



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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