

## Ultrasonic Lab500 for Cup Horn



## TYPICAL APPLICATIONS

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

## FEATURES

### Processor NexTgen Lab500

- Max. power : 500W<sub>RMS</sub>
- Amplitude setting: 10% - 100%
- Control mode : auto-tuned frequency
- Dimensions (LxH) : 390x145x148mm
- US Start/Stop by Labtablet, switch, footswitch or laptop

### Cup Horn

- Diameter: 119mm
- Height: 140mm
- Air cooling input/output

### Reactor

- Height : 69mm
- Possibility of temperature control

Mounting by Triclamp DN104  
(possibility of glass reactor - not supplied)

LabTablet for intuitive setting NexTgen software, « Start » version

## TITANIUM CUP HORN

### Cup Horn 22kHz

- Power delivered : 80W<sub>eff</sub>

### Cup Horn 40kHz

- Power delivered : 50W<sub>eff</sub>

### Cup Horn 80kHz

- Power delivered : 50W<sub>eff</sub>



# 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).*

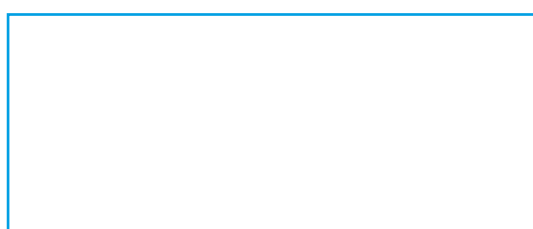
*Our LabPremium software likewise enables to link the operation of the equipment to temperature conditions. For example, as soon as a certain sample temperature is reached, the operation stops or continues by cycles, according to your settings.*

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



# ACCESSORIES

<b>SOUND DAMPING ENCLOSURE</b>	Comprises the support stand and clamp to fix the transducer. Size (HxWxD): approx. 800x400x400mm. Exits with a drawer (option)
<b>FOOTSWITCH</b>	Activates the ultrasounds remotely.
<b>EPPENDORF SUPPORT</b>	On request
<b>TEMPERATURE CONTROLLED JACKETED REACTOR</b>	Volume treated: 250mL
<b>SIMPLE REACTOR</b>	Volume treated: 350mL



SinapTec

Synergie park, 7 Avenue Pierre et Marie Curie FR-59260 Lezennes

+33 (0)3 20 61 03 89

sinaptec@sinaptec-ultrasonic.com