

# Ultrasonic Lab500 for Cup Horn High Power

## TYPICAL APPLICATIONS

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

## FEATURES

### NexTgen Lab500 generator

- Max. power : 500W<sub>RMS</sub>
- Amplitude setting : 10% - 100%
- Operating frequency : regulation on optimal frequency
- Dimensions (LxWxH) : 390x145x148mm
- US Start/stop by Labtablet, dry contact, footswitch, or PC

### Cup Horn

- Air cooling input/output
- Material: Stainless Steel

### Reactor

- Temperature setting available
- Volume treated: from 285mL to 370mL
- Material : Stainless steel

### Maximum conditions

- Temperature: 70°C
- Pressure: 2 bars relative pressure

LabTablet for intuitive setting  
« Start » NexTgen Software version



## CUP HORN

### Cup Horn 22kHz

- Output power: 150W<sub>eff</sub>
- Dimensions (DxL) : 119x125mm

### Cup Horn 28kHz

- Output power : 150W<sub>eff</sub>
- Dimensions (DxL) : 119x125mm

### Cup Horn 40kHz

- Output power : 150W<sub>eff</sub>
- Dimensions (DxL) : 119x90mm

### Cup Horn 80kHz

- Output power : 150W<sub>eff</sub>
- Dimensions (DxL) : 119x125mm

### Cup Horn 100kHz

- Output power : 150W<sub>eff</sub>
- Dimensions (DxL) : 119x90mm



# 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.

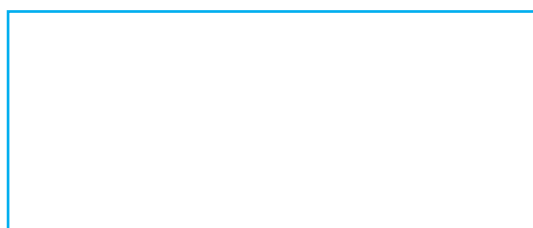
The **LabPremium** is also particularly appreciated for its “quick diagnosis” functionality and the given possibility of worldwide remote assistance.



# ACCESSORIES

<b>SOUND DAMPING ENCLOSURE</b>	Dimensions (HxWxL) : approx. 800x400x400mm.
<b>TEMPERATURE SENSOR</b>	Associated with the NextGen LabPremium software, it enables to control and master the sample temperature during operation.
<b>EPPENDORF SUPPORT</b>	On request. This accessory requires a non-standard reactor.
<b>OPERATING MODE ON REQUEST</b>	Continuous, Non-oxidizing atmosphere, Under pressure.

Your local distributor



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