

Ultrasonic LabHF for Cup Horn



TYPICAL APPLICATIONS

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

FEATURES

NexTgen LabHF generator

- Max. power : 1000W_{RMS}
- Amplitude setting : 10% - 100%
- Operating frequency : fixed frequency
- Dimensions (LxWxH) : 400x142x148mm
- US Start/stop by dry contact, footswitch, or PC

Cup Horn

- Air cooling input/output
- Transducer housing material: Stainless steel
- Vibrating part material : Titanium

Reactor

- Temperature setting available
- Max. volume treatment: 285mL
- Material : Stainless steel

Maximum conditions

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

NexTgen software « Advanced » version

CUP HORN

Cup Horn 100kHz*

- Output power: 100W_{eff}
- Dimensions (DxL) : 119x90mm

Cup Horn 200kHz*

- Output power: 100W_{eff}
- Dimensions (DxL) : 119x90mm

Cup Horn 380kHz*

- Output power: 75W_{eff}
- Dimensions (DxL) : 119x90mm

Cup Horn 500kHz*

- Output power: 80W_{eff}
- Dimensions (DxL) : 119x90mm

*Tolerance +/- 7%



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.

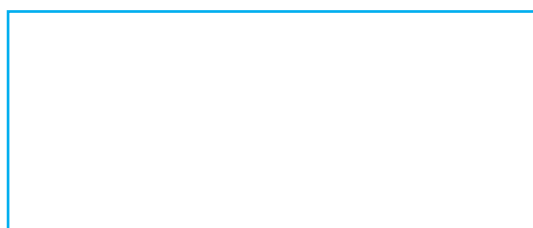
The **LabPremium** is also particularly appreciated for its “quick diagnosis” functionality and the given possibility of worldwide remote assistance.



ACCESSORIES

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

Your local distributor



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