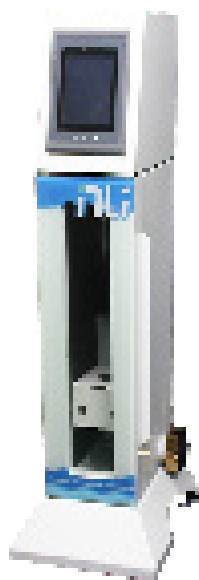




ULTRASONIC HOMOGENIZERS

UH200 & UH400



UH200



UH400

NLI ULTRASONIC HOMOGENIZER UH200 and **UH400** are used for sonication of sample volumes of 2mL - 50 mL (**UH200**) and 30 mL - 1500 mL (**UH400**).

APPLICATIONS:

- Liquid homogenization
- Emulsifying hard-to-mix liquids
- Dispersion of agglomerates
- Accelerating chemical reactions
- Fluids degassing
- Environmental analytics sample preparation
- Sono-chemistry
- Cell disruption



ULTRASONIC HOMOGENIZERS

UH 200 & UH 400

Specifications*

	<i>UH 200</i>	<i>UH 400</i>
Power supply	230V ~50/60Hz	230V ~50/60Hz
Ultrasound frequency	20 kHz±1 kHz (Non-adjustable)	20 kHz±1 kHz (Non-adjustable)
Frequency control	Automatic or search function	Automatic or search function
Ultrasound operation type	Pulsation	Pulsation
Time setting range	1-30 mins	1-30 mins
Pulsation times ON/OFF	1-20 s / 2-10 s	1-20 s / 2-10 s
Ultrasound control	Amplitude or power	Amplitude or power
Amplitude setting range	0-100% in 1% steps	0-100% in 1% steps
Power setting range	0-200 W (Max) in 1 W steps	0-400 W (Max) in 1 W steps
Horn diameter (mm)	5	13 or 7
Temperature sensor	PT-100 with SS 316 cover (±1 °C)	PT-100 with SS 316 cover (±1 °C)
Temperature range	0-87 °C	0-87 °C
Program memory	5	5
Packing Dimension (LxWxH) cm	30x22x76	34.5x37x55
Unit Dimension (LxWxH) cm	18x24x63	30x28.5x62.5
Weight	~10kg	~12kg
Degree of Protection	IP30 according to DIN 60529	IP30 according to DIN 60529

*Product specifications are subject to change without prior notice due to engineering innovation.