



### Overview

Ultrasonic Homogenizer NUH-106 also known as sonicator is employed cavitation and ultrasonic waves to, lyse/disrupt cells, reduce particle size, extract biological material, refine chemical processes. Equipped with acoustic enclosure helps reduce the noise levels, thereby allowing the user work without any disturbance. These Homogenizers are appropriate for application in both laboratory and industrial settings and are valuable tools to mix and homogenize solid-liquid and liquid-liquid suspensions

### TECHNICAL SPECIFICATIONS:-

- Mixing capacity: 1 ml - 1200 ml
- Standard probe:  $\Phi$  6 mm
- Ultrasonic power: 50 W - 1800 W
- Single stop timer: 0.1 – 99.9 sec
- Timer: 1 hr - 99 hr 59 min 59 sec
- Frequency range: 20 - 25 KHz
- Temperature range: 0 °C -100 °C
- Display Mode: TFT LCD
- Data storage: 20 sets
- Power supply: AC 110V / 220V; 50Hz / 60Hz
- Exterior Dimension: 410 × 225 × 290 mm

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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**Features :**

- >Single-chip technology
- >4.3-inch TFT touch screen
- >PID control with timer
- >Audio alarm in case of any malfunction
- >Variable temperature range

**Applications :**

Widely utilized for many applications such as for homogenizing, emulsification disintegration, sonochemistry, degassing or cleaning.

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