

## UP100H – Compact Ultrasonic Lab Device

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Ultrasonic  
Lab Device  
UP100H



UP100H - compact light-weight ultrasonic device



UP100H at stand ST1-16

Technical  
Details

UP100H: Compact ultrasonic lab device (100W, 30kHz) for handheld and stand-mounted operation, automatic frequency tuning, amplitude adjustable from 20 to 100%, pulse adjustable from 0 to 100%, dry running protected, with 9-pin DSUB interface, light-weight (1.1kg), in portable case, IP40 grade, titanium horn

Applications

Sample Preparation, Homogenization, Dispersing & Deagglomeration (e.g. nano particles), Wet-milling, Emulsifying, Lysis & Cell Disintegration, Extraction, Degassing, Sonochemistry

Advantages

**Performance:** With 100 watts power, the UP100H is much more powerful than an ultrasonic bath or tank.  
**Flexibility:** For handheld or stand-mounted use, with various accessories for optimal adaption to your process.  
**Quality:** The ultrasonic lab device UP100H fullfills the highest quality standards. All devices are designed, engineered and manufactured in Germany.

### Items:

- Ultrasonic Processor UP100H    ◦ 115 volts    ◦ 230 volts
- Sonotrode MS3 (tip diameter 3mm)
- Sonotrode MS10 (tip diameter 10mm)
- Stand ST1-16
- ST1-Clamp
- PowerMeter PowMet    ◦ 115 volts    ◦ 230 volts

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