

## UP50H – Compact Lab Homogenizer

Ultrasonic  
Lab Device  
UP50H



UP50H - compact light-weight ultrasonic device



UP50H at stand ST1-16

Technical Details	UP50H: Compact ultrasonic lab device (50W, 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, in portable case, IP40 grade, titanium horn
Applications	Homogenization, Dispersing & Deagglomeration (e.g. nano particles), Wet-milling, Emulsifying, Lysis & Cell Disintegration, Extraction, Degassing, Sonochemistry
Advantages	<b>Performance:</b> With 50 watts power, the UP50H is much more powerful than an ultrasonic bath or tank. <b>Flexibility:</b> For handheld or stand-mounted use, with various accessories for optimal adaption to your process. <b>Quality:</b> The UP50H device fullfills the highest quality standards. All devices are designed, engineered and manufactured in Germany.

### Items:

- Ultrasonic Processor UP50H    ○ 115 volts    ○ 230 volts
- Sonotrode MS3 (tip diameter 3mm)
- Sonotrode MS14 (tip diameter 7mm)
- Stand ST1-16
- ST1-Clamp
- PowerMeter PowMet    ○ 115 volts    ○ 230 volts

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