



## UP200S – Powerful Ultrasonic Lab Homogenizer

[www.hielscher.com/up200](http://www.hielscher.com/up200)

Ultrasonic  
Device  
UP200S



UP200S for powerful sonication



UP200S with flow cell

Technical  
Details

**UP200S:** 200 watts, 24kHz; for stand-mounted use; automatic frequency tuning, amplitude adjustable from 20 to 100%, pulse adjustable from 0 to 100%, dry running protected, 9-pin DSUB interface, in portable case, IP40 grade, with titanium horn

Applications

Homogenization, Dispersing & Deagglomeration (e.g. nano particles), Emulsifying, Lysis & Cell Disintegration, Extraction, Degassing, Sonochemistry

Advantages

**Performance:** With 200 watts power, the UP200S is much more powerful than an ultrasonic bath or tank.  
**Flexibility:** Various accessories allow for optimal adaption to your process.  
**Quality:** The UP200S device fullfills the highest quality standards. All devices are designed, engineered and manufactured in Germany.

### Items:

- Ultrasonic Processor UP200S    ◦ 115 volts    ◦ 230 volts
- Sonotrode S3 (tip diameter 3mm)
- Sonotrode S14 (tip diameter 14mm)
- Stand ST1-16
- ST1-Clamp
- Power Meter PowMet    ◦ 115 volts    ◦ 230 volts