

UP200St – A Powerful and Robust 200 Watts Probe-Type Sonicator for Lab and Small Scale Production

www.hielscher.com/up200st

Ultrasonic
Device
UP200St



UP200St – digital homogenizer
with acrylic sound protection box



UP200St for stand-mounted and
hand-held use

Technical
Details

UP200St: 200 watts, 26kHz; for handheld and stand-mounted use; separated generator and transducer (UP200St-T + UP200St-G) fulfilling IP30 + IP65 grade, respectively; automatic frequency tuning, amplitude adjustable from 20 to 100%, pulse adjustable from 0 to 100%, with colored touch-screen & digital control, operation and control via LAN, automatic data recording, dry running protected, titanium horn \varnothing 10mm, amplitude at horn 70 μ m, in portable case

Applications

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

Advantages

Performance: 200 watts power, very reliable & robust device for heavy duty operation
Flexibility: Handheld or stand-mounted use, with various accessories for optimal adaption to your process.
Comfortable Operation: The separated design of transducer and generator allows to place the generator safely outside the operation area. The operation settings can be adjusted via the colored touch-screen. All functions are intuitively reachable through one main menu.
Quality: The UP200St device fullfills the highest quality standards. All devices are designed, engineered and manufactured in Germany.

Items:

- Ultrasonic Device UP200St (generator + transducer)
- Sonotrode S26d2 (tip diameter 2mm)
- Sonotrode S26d7 (tip diameter 7mm)
- Sonotrode S26d14 (tip diameter 14mm)
- Stand ST1-16
- Sound Protection Box SPB-L, made from acryl glass



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