

Ultrasonic Device UP400S (400 watts, 24kHz)

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Stand-mounted Ultrasonic Device UP400S



UP400S for beaker sonication in sound protection box



UP400S with flow cell for continuous ultrasonication

Technical Details

UP400S: Powerful ultrasonic lab device (400W, 24kHz) for 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, in portable case, IP40 grade, titanium horn

Applications

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

Advantages

Effectiveness: High-power lab device for sonication of larger volumes from 5 mL up to 4L in the batch and approx. 10 to 50 litres per hour with flow cell.
Flexibility: Beaker sonication and continuous sonication for applications in lab & bench-top scale and for small production; various accessories allow for the adaption to specific applications.
Simplicity: The UP400S is simple to use and easy to clean. Accessories such as a timer allows for time controlled operation and a PC-control make power and temperature controlling easy.

Items:

- Ultrasonic Processor UP400S ○ 115 volt ○ 230 volt
- Sonotrode H7 with 7mm tip diameter
- Sonotrode H22 with 22mm tip diameter
- Stand ST1-16
- ST1-Clamp
- Sound Protection Box SB1-16
- Power Meter ○ 115 volt ○ 230 volt

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