



UIP2000hd – Powerful Industrial Ultrasonic Device

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<p>Ultrasonic Processor UIP2000hd</p>	 <p>UIP2000hd transducer and generator</p>	 <p>UIP2000hd at stand ST2</p>
<p>Technical Details</p>	<p>Ultrasonic processor UIP2000hd (2000W, 20kHz) consisting of transducer and generator; automatic frequency tuning, amplitude 25 micron, amplitude adjustable from 50 to 100%, dry running protected, interface for remote or PC-control, transducer IP65 grade, titanium horn</p>	
<p>Applications</p>	<p>Homogenization, Dispersing & Deagglomeration (e.g. nano particles), Wet-milling & Grinding (e.g. nano materials), Emulsifying, Lysis & Cell Disintegration, Extraction, Sonochemistry & Sonocatalysis</p>	
<p>Advantages</p>	<p>Effectiveness: High-power, high performance ultrasonic device with 2000 watts power, various recirculation setups for continuous processing, Reproducibility: Exact reproducibility by full control over the parameters „ Amplitude, Pressure, Temperature, Viscosity, and Concentration“ Scalability: All results achieved can be scaled up linearly. Industrial Grade: Full industrial grade, for heavy-duty operation and permanent use 24 hours per day (24h/7d), scale-up by cluster installation</p>	

Items:

- Ultrasonic processor UIP2000hd
 - 115 volts 230 volts
- Sonotrode BS2d34 (tip diameter 34mm)
- Sonotrode BS2d40 (tip diameter 40mm)
- O-Ring-Flange RFLA100
- Flow Cell FC100L1-1S w/ cooling jacket
- Flow Cell Insert34
- Booster Horn B2-2
- Stand ST2
- Sound Protection Box SPB2
- Power Meter PowMet115

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