Imlab sarl Centre d'Affaires de l'Horlogerie 48 rue des Canonniers F-59000 Lille

info@imlab.fr Tél.: +33 (0)3 20 55 19 11

## Digital Ultrasonic Device UP400St (400 watts, 24hHz)

Standmounted Ultrasonic Device UP400St



UP400St 400 W powerful ultrasonicator



The UP400St features a color touch-display, SD-card slot, LAN port and temperature sensor

Technical Details

UP400St: 400 watts, 24kHz; for stand-mounted use; 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, IP41 grade, titanium horn, in portable case

**Applications** 

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

Advantages

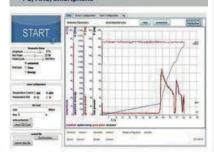
**Effectiveness**: High-power lab device for sonication of larger volumes from 5 mL up to 4L in the batch and approx. 10 to 50 litres per hour with flow cell.

**Flexibility**: Beaker sonication and continuous sonication for applications in lab & bench-top scale and for small production. **Simplicity**: The operation settings can be adjusted via the colored touch-screen. All functions are easily and intuitively reachable through one main menu. The UP400St is simple to use and easy to clean.

## Items:

- ☐ Ultrasonic Processor UP400St o 115 volt o 230 volt
- ☐ Sonotrode S24d7 with 7mm tip diameter
- ☐ Sonotrode S24d14 with 14mm tip diameter
- ☐ Flow Cell FC22K stainless steel, volume approx. 15ml
- ☐ Sonotrode S24d22D with seal for flow cell FC22K
- ☐ Stand ST1-16
- ☐ Sound Protection Box SPB-L, made from acryl glass

## browser control



## hielscher ultrasonics