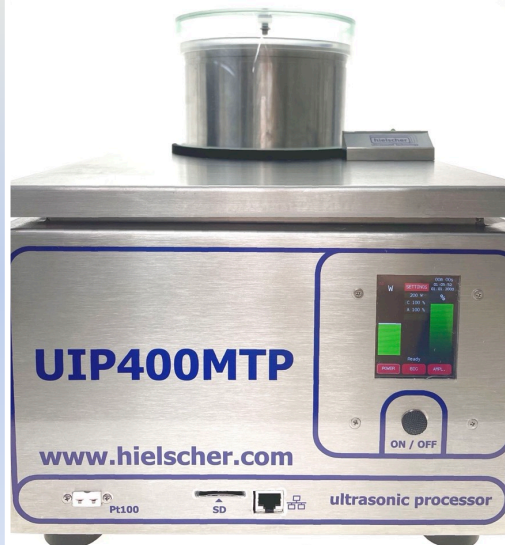


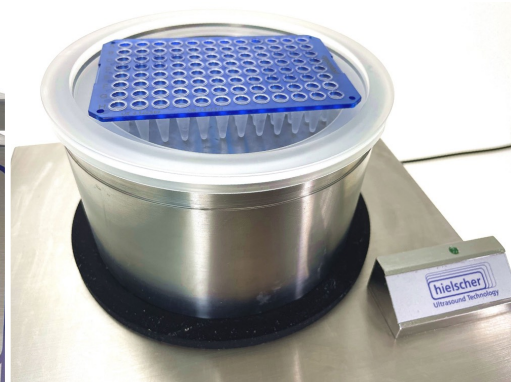
UIP400MTP – Microtiter Plate Ultrasonicator

www.hielscher.com/uip400mtp

Ultrasonic
Processor
UIP400MTP



UIP400MTP for multi-well plate
sonication



The UIP400MTP facilitates the
simultaneous preparation of
multiple samples

Technical Details

The UIP400MTP is a 400 watts, 20kHz ultrasonic processor for the reliable and reproducible ultrasonic sample preparation of multi-well plates / microtiter plates. Smart software and an intuitive menu ensure user-friendliness and simple operation. A built-in heat exchanger with recirculation pump allows the microtiter plate to be cooled or tempered during sonication. A laboratory cooler is required for this purpose (not included). The UIP400MTP has a coolant inlet and outlet. The PT100 temperature sensor can be placed in one of the sample wells for temperature monitoring and control.

Applications

Sample preparation including lysis & cell disintegration, DNA shearing, solubilization, homogenization of biological samples

Advantages

Effectiveness: Powerful, state-of-the-art ultrasonic device with 400 watts power
Reproducibility: Exact reproducibility by full control over the parameters such as energy input (Ws/mL), amplitude, temperature
User-friendliness: Designed for easy use and reliable results. The smart features allow to program and pre-set various sonication modes (e.g., energy input, amplitude, cycle mode, temperature, time)

Ultrasonic Processor UIP400MTP

- ✓ with digital touch display + sophisticated software
- ✓ programmable settings
- ✓ built-in SD card for automatic data protocolling
- ✓ PT100 temperature sensor
- ✓ with recirculation pump
- ✓ with connection ports for lab cooler
- ✓ browser remote control

hielscher ultrasonics