

Ultrasonic Homogenizer Q2000

The Q2000 offers the ability to process industrial-scale sample volumes in individual batches or flow-through applications. This system is recommended for processing volumes of 5L or larger. Routine applications include emulsification, cell lysis, degassing, homogenization, solubilizing, deagglomerating and dispersing.

This model is available with a 100um amplitude, 1.5-inch diameter, 10-inch-long probe for batch volumes or a floccell accessory for inline processing. A booster is included with the Q2000. The booster increases the amplitude of the probe which enables larger volumes to be processed.

The Q2000 Sonicator allows the user to program processing times and a full range of intensity settings. Processing time can be set from 1 second to 10 hours. A pulsing feature is standard. Pulsing can reduce the amount of heat generated by sonication when processing temperature sensitive samples. A temperature monitoring probe option is also available.

Ultrasonic Homogenizer Q2000 Features

- **Programmable Operation**
Set time and amplitude for hands free operation
- **Pulse Mode**
Prevent heat buildup in temperature sensitive samples
- **Digital amplitude / intensity control**
Output intensity can be set from 20-100%
- **Elapsed time indicator**
Displays duration of sonication
- **Display of wattage and joules**
Real-time energy monitoring
- **Overload protection**
Prevents damage to circuitry if a fault occurs
- **Temperature monitoring**
Optional temperature prob

Ultrasonic Homogenizer Q2000 Parts

- Generator
- Converter
- Booster
- #4677 probe
- Converter cable
- Power cable
- Wrench set

Ultrasonic Homogenizer Q2000 Specifications

Power Rating	2000 Watts
Frequency	20 kHz
Programmable Timer	10 Hours
Adjustable Pulse On/Off	1 second to 1 minute
Dimensions	7" H x 15" W x 18.25" D
Voltage	220V, 50/60Hz



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