

Ultrasonic Homogenizer Q500

The Q500 is a powerful ultrasonic processor featuring programmable operation and a digital display of operating parameters. Popular applications include nanoparticle dispersion, creating emulsions, cell lysis and homogenization.

Adjustable pulse On and Off times can be programmed from 1 second to 1 minute. Total programming has a maximum setting of 10 hours. A wide variety of probes and accessories are available to handle virtually any application.

Ultrasonic Homogenizer Q500 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
- **RoHS compliant**
Uses lead free components

Ultrasonic Homogenizer Q500 Parts

- Generator
- Converter
- 1/2" diameter probe
- Power cable
- Converter cable
- Wrench set

Ultrasonic Homogenizer Q500 Parts

Power Rating	500 Watts
Frequency	20 kHz
Programmable Timer	10 Hours
Adjustable Pulse On/Off	1 Second to 1 Minute
Dimensions	8" W x 15.25" L x 8.5" H
Voltage	110V, 50/60Hz