

# Q500 Sonicator

**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.



*Stand sold separately.*

## 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

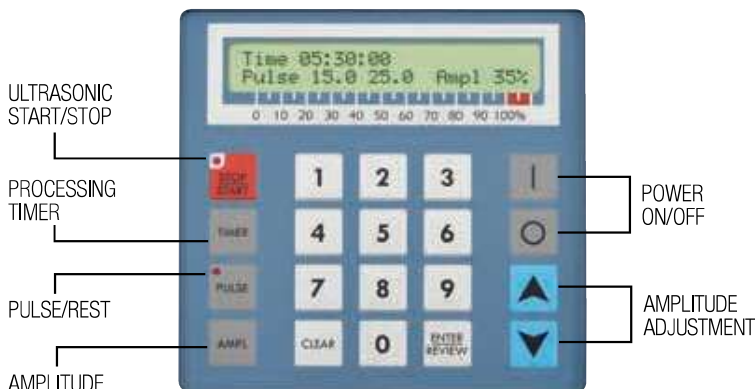
Real-time energy monitoring

### Overload protection

Prevents damage to circuitry if a fault occurs

### RoHS compliant

Uses lead free components



## PART NO. Q500 INCLUDES:

- Generator
- Converter
- 1/2" (13mm) diameter probe
- Power cable
- Converter cable
- Wrench set

## TECHNICAL SPECIFICATIONS:

|                                 |   |
|---------------------------------|---|
| <b>Power Rating:</b>            | 500 watts                               |
| <b>Frequency:</b>               | 20kHz                                   |
| <b>Programmable Timer:</b>      | 10 hours                                |
| <b>Adjustable Pulse On/Off:</b> | 1 second to 1 minute                    |
| <b>Dimensions (W x L x H):</b>  | 8 x 5.25 x 8.5 in. (203 x 387 x 216 mm) |
| <b>Voltage:</b>                 | 110V, 50/60Hz                           |

*Specify desired voltage for export.*