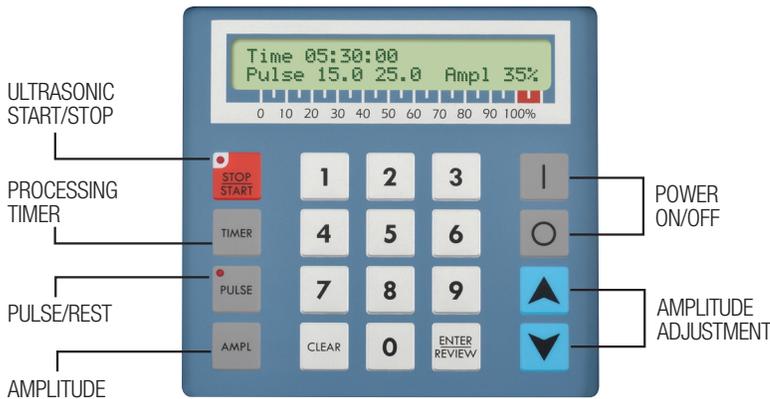


**The Q500 is a powerful ultrasonic processor featuring programmable operation and a digital display of operating parameters. Popular applications include nanoparticle dispersion, creating emulsions, cell lysis and homogenization.**

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" diameter probe
- Power cable
- Converter cable
- Wrench set

**TECHNICAL SPECIFICATIONS:**

<b>Power Rating:</b>	500 watts
<b>Frequency:</b>	20 kHz
<b>Programmable Timer:</b>	10 hours
<b>Adjustable Pulse On/Off:</b>	1 second to 1 minute
<b>Dimensions:</b>	8" W x 15.25" L x 8.5" H
<b>Voltage:</b>	110V, 50/60Hz

Specify desired voltage for export.