

# Q125 Sonicator

**The Q125 is a microprocessor based, programmable ultrasonic processor. Features include pulse mode and a digital display of both wattage and joules.**

The unit is effective for standard cell disruption, DNA/RNA shearing, homogenization and many other applications. The Q125 is ideal for small samples and for customers that do not plan to scale up to larger volumes in the future. This model offers the same programming and display features as the Q500 unit.



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

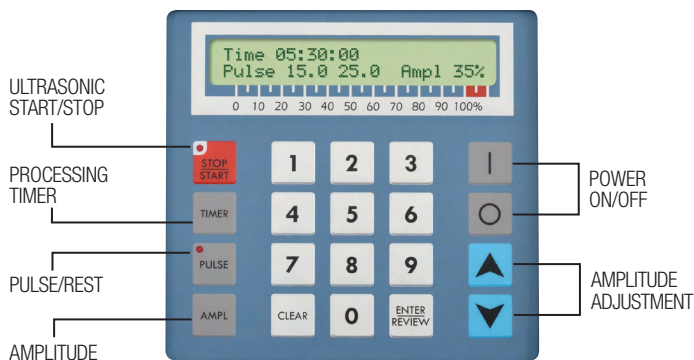
Prevents damage to circuitry if a fault occurs

### RoHS compliant

Uses lead free components

### Compact design

Takes up less space than competitive units



## PART NO. Q125 INCLUDES:

- Generator
- Converter
- 1/8" (3 mm) diameter probe
- Power cable
- Converter cable
- Wrench set

## TECHNICAL SPECIFICATIONS:

<b>Power Rating:</b>	125 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 (W x L x H):</b>	8 x 13.75 x 5.75 in. (203 x 349 x 146 mm)
<b>Voltage:</b>	110V, 50/60 Hz

*Specify desired voltage for export.*

**Probes**



Probes	Part # 4423	Part # 4422	Part #4435
Processing Volume*	200 µl - 5 ml	500 µl - 15 ml	10 ml - 50 ml
Tip Diameter	5/64" (2 mm)	1/8" (3 mm)	1/4" (6 mm)
Amplitude (µm)	200	180	120

**Sound Enclosure**



Part #	Description
432A	Sound Enclosure with Converter Holder, Exterior Dimensions (W x H x D) 20 x 12 x 12 in. (508 x 254 x 254 mm)

**Support Stand**

Part #	Description
460	Support Stand with Converter Holder



**Converter**

Part #	Description
CL18	Replacement Converter



**8 Tip Horn**

Part # 4602
Tip Diameter 1/8" (3 mm)
Distance Between Tips 0.35" (9 mm) center to center



**Cup Horn**



Part # 4608
Horn Diameter 25/32" (20 mm)
Cup ID* 1.5" (38 mm)

\*Accommodates (two) 1.5 ml microtubes or (one) 15 ml Falcon tube.



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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