

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" (3mm) diameter probe
- Power cable
- Converter cable
- Wrench set

TECHNICAL SPECIFICATIONS:

Power Rating:	125 watts
Frequency:	20kHz
Programmable Timer:	10 hours
Adjustable Pulse On/Off:	1 second to 1 minute
Dimensions (W x L x H):	8 x 13.75 x 5.75 in. (203 x 349 x 146 mm)
Voltage:	110V, 50/60 Hz

Specify desired voltage for export.

Probes



Probes	Part # 4423	Part # 4422	Part #4435
Processing Volume*	200µl - 5mL	500µl - 15mL	10mL - 50mL
Tip Diameter	5/64" (2mm)	1/8" (3mm)	1/4" (6mm)
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" (3mm)
Distance Between Tips 0.35" (9mm) center to center



Cup Horn



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

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