



**The QA40A Atomizer uses ultrasonic energy to generate a low-velocity, gentle spray. The sample can be precisely delivered to the target area. Overspray is virtually eliminated resulting in material savings. The atomizer can run continuously or be programmed to pulse on and off.**

With water, the average droplet size is 50 microns. The minimum sample volume that can be effectively atomized is 2  $\mu\text{l}/\text{sec}$ . To optimize atomization, the liquid product's solid concentration must be below 30% and viscosity below 50 cps. A low pressure metering pump is recommended to deliver the liquid sample to the nozzle. Gravity feed can also be utilized.

#### FEATURES:

- 50 micron droplet size
- Programmable operation
- Multiple probe options

#### PART NO. QA40A INCLUDES:

- Generator
- Converter
- Power cable
- Converter cable
- Wrench set

#### TECHNICAL SPECIFICATIONS:

<b>Frequency:</b>	40 kHz
<b>Programmable Timer:</b>	10 hours
<b>Adjustable Pulse On/Off:</b>	1 second to 1 minute
<b>Dimensions:</b>	8" W x 13.75" L x 5.75" H
<b>Voltage:</b>	110V, 50/60 Hz

*Specify desired voltage for export.*

**Note: Probes are sold separately. Contact Qsonica for probe options**