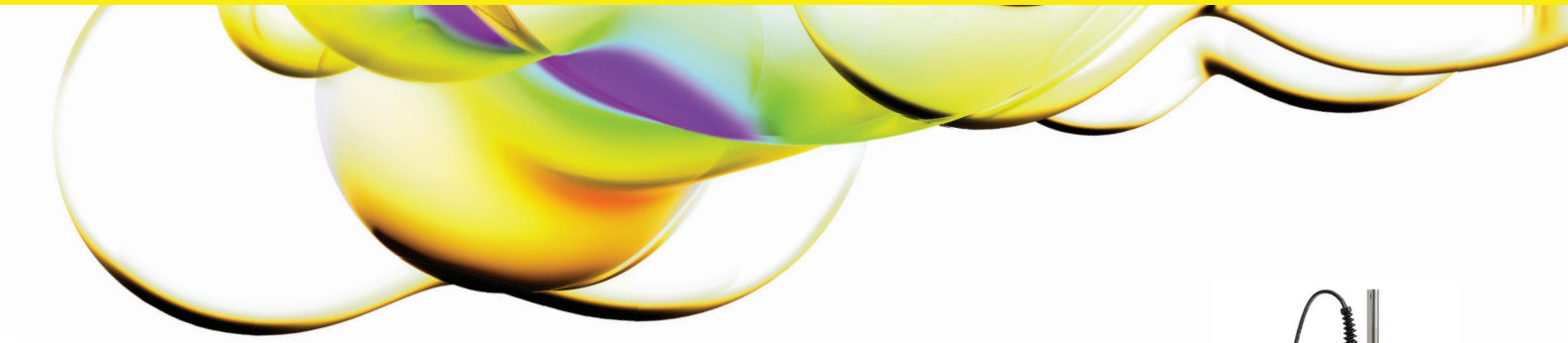
OM100 Ultrasonic Homogenizer (100W)



The OM100 is a microprocessor based, programmable ultrasonic homogenizer. 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 OM100 is ideal for small samples and for labs that do not plan to scale up to larger volumes in the future. This model offers the same programming and display features as the OM500 unit.

Stand sold separately.

Technical specifications *Specify desired voltage when ordering*	
Power rating	100 Watts
Frequency	20 kHz
Timer	10 Hours
Pulse ON/OFF	1 second to 1 minute
Dimensions	W: 8″ (20.3 cm), D: 13.75″ (34.9 cm), H: 5.75″ (14.6 cm)
Voltage	110 or 220V 50/60 Hz

OM100 Includes power supply, convertor, cables and wrench set

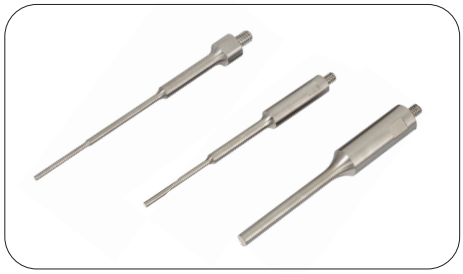
Features

- **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 to 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 most competitive units

OM100 accessories

Probes

Probe part #	Processing volume	Tip diameter	Amplitude
060-078	200 µL to 5 mL	5/64″ (1.6 mm)	200 µm
060-125	500 µL to 15 mL	1/8″ (3.2 mm)	180 µm
060-250	5 mL to 50 mL	1/4″ (6.4 mm)	120 µm



Sound enclosure with converter holder
W: 12″ (30.5 cm), D: 12″ (30.5 cm),
H: 20″ (50.8 cm)
(Part number: 060-12)

Replacement converter
(Part number: 060-03)

Support stand with converter holder
(Part number: 060-10)

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