

TECHNICAL DATA

MICROSON™

The Microson™ is an economic alternative to the Sonicator 3000® if your work is restricted to samples of 100ml or smaller. The unit features two modes of operation; continuous or thumb switch activated pulsing.

Part # XL2000 is the Microson™ package that includes one each of the following:

- Generator
- Cable
- Converter
- Wrench Set
- 1/8" Microprobe

An optional foot switch and timer are available.



SPECIFICATIONS

Generator	
Dimensions	7.5" wide x 13.0" deep x 7.0" high (19.0 cm x 33.0 cm x 17.8 cm)
Weight	9.0 lbs. (4.1 kg)
Maximum Power Output	100 Watts
Operating Frequency	22.5 kHz
Input	117VAC @ 0.5 Amps/220VAC @ 0.25 Amps (50/60 Hz)
Convertor	
Dimensions	1.25" diameter x 6.6" long (3.2 cm x 15.2 cm)
Weight	9.0 oz. (0.17 kg)

MICROPROBES

Part #	P-1	P-2	P-3	P-4
Processing Vol.	0.5-15 ml	2-25 ml	0.2-5 ml	5-50 ml
Tip Diameter	1/8" (3.2 mm)	3/16" (4.8 mm)	3/32" (2.4 mm)	1/4" (6.4 mm)
Intensity	Very High	High	Very High	Medium
Amplitude*	180 µm	80 µm	170 µm	60 µm
Length	5" (127 mm)	4 1/4" (108 mm)	5 5/8" (143 mm)	4 5/8" (117 mm)

*Double (peak-to-peak) amplitude of the radiating face of the tip in micrometers on the Microson™ operating at output control setting 20.

MICROSON™ CUP HORN

Part #	431M
Cup I.D.	1 1/2" (38 mm)
Radiating Face Diameter	9/10" (23 mm)
Overall Length	4 1/2" (114 mm)
Max. Size Vessel	50 ml/22 mm dia.

