

## Microplate Horns

The Microplate Horn is a large, 6" diameter horn capable of processing a variety of sample sizes. An entire microtiter plate or several microtubes can be sonicated at one time.

A liquid media, such as water or glycol, is used to transmit the ultrasonic energy from the horn's surface to the sample. A rack of tubes or a standard 96-well microplate can be easily processed. Simply place your samples within the water filled reservoir and the sonic energy is transferred into each individual well or tube. This unit is ideal for high throughput applications.



S-4000 MPX

The Horn is equipped with a clear acrylic collar to contain the liquid media within the reservoir. This allows the user to process deep well microplates or other tall vessels. Standard microtiter plates or PCR tubes require a smaller volume of liquid for sonication. For these applications, the clear acrylic collar may be removed and the lower, gray collar will allow for easier access to the samples.

## Protein Misfolding Cyclic Amplification Assay (PMCA)

The Microplate Horn is used in PMCA research. A tube holder and cover (#444) are available for proper sample positioning. Please specify if you intend to use the unit for PMCA when contacting Misonix.

Part #	Description
S-4000MPX	Sonicator / Microplate Horn Package
431MPX	Microplate Horn and Sound Enclosure only
431MPXH	Microplate Horn only
432MP	Sound Enclosure for Microplate Horn
444	PMCA adapter



431MPXH

## Ordering Information

Part # **S-4000MPX** includes the generator, converter, cables, wrench set and # 431MPX.

Part # **431MPX** includes:

- Microplate Horn
- Sound Enclosure
- Pinch Clamps
- Silicone Tubing

Exterior dimensions of the Sound Enclosure are 10" wide x 10" deep x 17" high.



444