

Sonifier Cell Disruptor



Part #: 109-116-1760
 Dimensions: 3" diameter
 by 5" long

3" Diameter Cup Horn for the SLP Sonifier Cell Disruptor is ideal as an indirect method of sonification for open and closed vessels. The cup horn enables sonification of a sample without the horn coming in contact with the solution. It can simultaneously process a number of sealed vials or test tubes with identical parameters and is ideal for very small volumes. This method prevents possible cross-contamination and is ideal for working with infectious materials.

- Process samples in complete isolation.
- Ideal for infectious solutions.
- Precludes possibility of any titanium residue.
- Ideal for single or batch processing.
- Ideal for very small volume processing.

SFX 150 Cup Horn

Typical Applications:

- Cell Disruption.
- Liposome preparation.
- Protein shearing and extraction.
- Releasing cellular components, including DNA and RNA.
- Tissue culture.
- Infectious solutions.

In place of the microtip, the cup horn is attached to the inverted converter. Samples are placed in the cup horn which is filled with liquid. There is an inlet and outlet enabling liquid to circulate within the cup horn, to reduce heat buildup, with an overflow. The cup horn can also be used without liquid cooling circulation.

Cup Horn compatible
 with SFX150 and
 SLP sonifiers. Sonifier
 Frequency: 40 kHz.



Sonifier Cell Disruptor

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Branson's unmatched global resources ensure optimal solutions for the most challenging ultrasonic precision cleaning and materials joining applications. With 1600+ employees in over 70 sites worldwide, we can rapidly respond to our customers' needs, wherever they are located.

Branson understands local markets and regulations, and the open collaboration among our global offices and extensive staff of application specialists quickly produces solutions for customers. We partner with companies of every size and

scope to help resolve critical issues ranging from market changes, product quality/life cycles and production costs, to employee safety and environmental compliance. And, Branson's commitment to the publicly funded industrial collective research initiative and cooperation with various research centers have produced widespread innovations in ultrasonic cleaning and plastics joining technology that are benefiting companies everywhere.

Branson is a leading innovator in Emerson, a diversified global

manufacturing and technology company. Emerson is a progressive company working to develop products and processes to resolve global issues, including energy supply and distribution, information and networking, climate and environment, manufacturing efficiency, and product performance. Emerson is dedicated to the pursuit of breakthrough technology developments never before envisioned.

Branson brings exceptional quality, fast delivery and competitive prices. Contact your nearest regional center today.

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