

## 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.

## SLP 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.

# Sonifier Cell Disruptor

## Global Technologies. Local Solutions.

Branson's unmatched global resources ensure optimal solutions for the most challenging materials joining and precision cleaning 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 plastics joining technology that are benefiting companies everywhere.

Branson is a leading innovator in the Industrial Automation division of 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 for your tooling needs. Contact your nearest regional center today.

# BRANSON

Branson Ultrasonics Corporation  
41 Eagle Road, Danbury, CT 06813-1961  
(203) 796-0400 • Fax: (203) 796-9838  
www.bransonultrasonics.com  
e-mail: info@bransonultrasonics.com

SLP Cup Horn © Branson Ultrasonics Corporation 2011  
The Emerson logo is a trademark and service mark of Emerson Electric Co.  
Revised and printed in the U.S.A. 12/2011