

# Branson™ Sonifier Cell Disruptor

SFX 150 Cup Horn

## Overview

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



## 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.

For more information:  
[www.Emerson.com/Branson](http://www.Emerson.com/Branson)

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