

# Banson™ Sonifier Cell Disruptor

Rosette Glass Cooling Cells

## Overview

The Rosette cooling cell allows for processing of samples at low temperature. The unique design of the vessel facilitates both mixing and cooling of the sample simultaneously. With an ultrasonic horn lowered into the sample, the solution will automatically circulate through the cooling loops. When placed in an ice bath, these cooling loops provide optimal surface area for heat transfer, keeping your delicate sample from overheating.

To use, place the cooling cell in an ice bath so the cooling loops are submerged. Insert the horn or microtip into the sample to circulate the solution. For enhanced control, insert a temperature probe into the sample and monitor the temperature on the Sonifier. Or simply program a temperature range using the SFX Sonifier's industry-exclusive True Temperature Control.



## Technical Specifications

Part Number	Cell Volume	Dimensions
201-123-001	25mL	1" diameter, 3.36" high
201-123-002	50mL	2.75" diameter, 6.27" high
201-123-003	250mL	3.55" diameter, 7.40" high
201-123-004	>300 mL (Continuous Processing)	1.5" diameter, 3.75" high

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

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