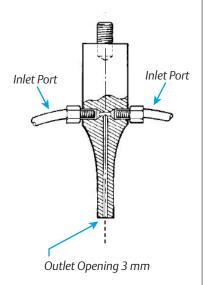
# BRANSON

## **Sonifier Cell Disruptor**



### Flow-Thru Horn

**DESCRIPTION:** Designed for pharmaceutical research, the flow-thru horn has two inputs or orifices at the non-vibrating nodal point of the horn. A premixed substance is fed through one of the inputs while the horn is ultrasonically activated. Because two inputs are available, two different types of material can be treated simultaneously. The processed solution exits at the tip of the horn. The horn may be used as a continuous-flow device to collect the solution in one large vessel.

#### **TYPICAL APPLICATIONS**

- Mixing
- Emulsification
- Dispersion
- Formation of mists and fogs

< CONVERTER receives electrical energy from powersupply and converts to 20,000 Hz mechanical vibration. FLOW-THRU HORN (Part No.101-147-056) POWER SUPPLY converts standard 60 Hz line voltage to high frequency electrical power of 20,000 Hz. (Model 250 - 200 watts, Model 450 - 400 watts



### **Sonifier Cell Disruptor**

### **Global Technologies. Local Solutions.**

Branson Ultrasonics Corporation is the world leader in the development and application of ultrasonic metal welding equipment and processes. Our unmatched global resources ensure optimal solutions for the most challenging applications. With 1600+ employees in over 70 sites worldwide, we can rapidly respond to our customers' needs, wherever they are located. 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.

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.

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