

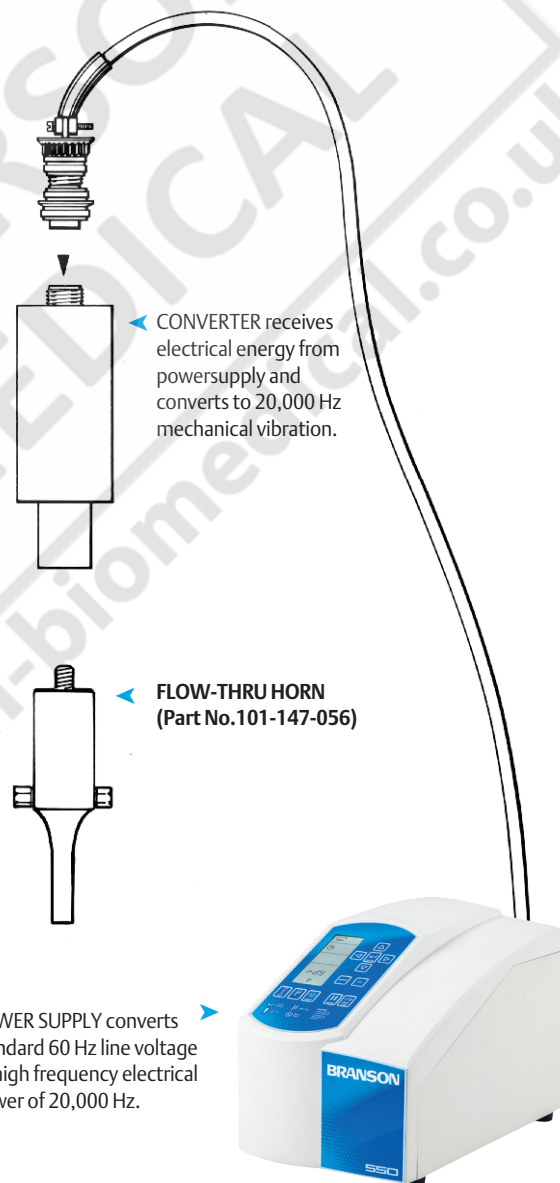
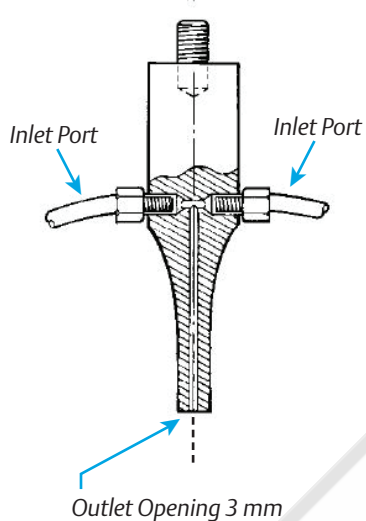
## Sonifier Cell Disruptor

**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



POWER SUPPLY converts standard 60 Hz line voltage to high frequency electrical power of 20,000 Hz.

CONVERTER receives electrical energy from powersupply and converts to 20,000 Hz mechanical vibration.

FLOW-THRU HORN  
(Part No. 101-147-056)

Flow-thru horn compatible with SFX250 and SFX550, Digital 250 and 450, Analog 250 and 450.

## Sonifier Cell Disruptor

### Global Technologies. Local Solutions.

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.

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Revised and printed in the U.S.A. 11/2015



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