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Fisherbrand Model 505 Sonic Dismembrator



Shakers/Stirrers/Hotplates: Fisherbrand Model 505 Sonic Dismembrator



With Probe and Sound Enclosure.

Rating: Not Rated Yet

Price

Sales price \$3,250.00

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Manufacturer [Fisher Scientific](#)

Description

The Fisher Scientific FB505 (also known as the Fisherbrand™ Model 505 Sonic Dismembrator) is a high-powered, programmable ultrasonic homogenizer designed for demanding laboratory applications such as nanotechnology research, cell disruption, sample homogenization, and emulsification. It builds on the features of the smaller Model 120 but provides significantly greater power output, making it suitable for processing larger or tougher samples.

With Probe and Sound Enclosure.

Applications

Cell Disruption: Breaks down cells for extraction of proteins, DNA, or other intracellular components.

Homogenization: Uniformly mixes emulsions, dispersions, or suspensions.

Nanotechnology: Processes nanoparticles and nanomaterials.

Other Uses: Degassing, particle size reduction, and extraction in pharmaceutical, biotech, and environmental labs.

Specifications

Power Output: 500 W

Frequency: 20 kHz

Programmability: Fully programmable with auto-tuning; supports pulse, continuous, and timed modes

Amplitude Control: Adjustable from 0–100%

Display: LED display for power, energy, frequency, and temperature monitoring

Temperature Monitoring: Built-in sensor to prevent overheating

Dimensions (H x W x D): Approximately 10" x 8" x 12" (25 x 20 x 30 cm)

Weight: Approximately 25 lbs (11 kg)

Power Supply: 100–240 V, 50/60 Hz

Comes with our 90-day warranty.

Biotech Equipment Sales, Inc.: based in South San Francisco, the Biotech capital of the world, since 2009. We are dedicated to bringing high-quality pre-owned laboratory instrumentation to our scientific community.

Biotech Equipment Sales, Inc.
226 Miller Ave.
South San Francisco, CA 94080
650-871-5707 office
650-276-7487 fax
sales@biotechequipmentsales.com