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# Fisherbrand Model 505 Sonic Dismembrator


CAUTION



With Probe and Sound Enclosure.

Rating: Not Rated Yet
**Price**
Sales price $3,250.00

Ask a question about this product

ManufacturerFisher 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.*

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