



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

### LOOKING FOR MORE INFORMATION?

Visit us on the web at [www.artisanng.com](http://www.artisanng.com) ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)

# Fisher Scientific Ultrasonic Dismembrators

*For biological, chemical and other wet laboratories*



## Specifications and Ordering Information

Model	Maximum Output	Input Power	Overall Size
Model 150T Part # 15-345-120	150 Watts	117V, 50/60Hz, 2.0A	7.9"H x 13.4"W x 9.0"D
Model 150E Part # 15-345-118	150 Watts	117V, 50/60Hz, 2.0A	7.9"H x 13.4"W x 9.0"D
Model 500 Part # 15-338-550	400 Watts	117V, 50/60Hz, 4.0A	7.4"H x 17.6"W x 9.6"D
Model 500 Part # 15-338-551	400 Watts	230V, 60Hz, 2.3A	7.4"H x 17.6"W x 9.6"D

### Model 150E and 150T Digital Dismembrators

- » Includes 1/8 microtip
- » Up to 150 watts at the horn tip
- » Autotune plus Memory (AT/M) – provides fully-automatic tuning and stores frequency at the end of each cycle
- » Digital parameter entry for precise, easy setup
- » Digital amplitude control allows for critical applications (range from 10% to 100% in 1% increments)
- » Continuous or pulsed operation
- » LED readout displays parameter settings during setup and operation for easy reference and monitoring.
- » Provides storage of last-used cycle parameters even if the system is shut off or a power interruption occurs
- » Local or remote (p/c) control capability
- » Total processing time: 1 second to 99 hours
- » Adjustable total energy: 1 to 10,000 joules (on 150-E units only)
- » CSA, RoHs compliant
- » Frequency - 40 kHz

### Model 500 Digital Dismembrator

- » Includes 1/2 inch diameter probe
- » Up to 400 watts at the horn tip
- » Autotune plus Memory (AT/M) – provides fully-automatic tuning and stores frequency at the end of each cycle
- » 80 Character LCD display for input/output data
- » Continuous, timed, pulsed, and pulse/pause modes
- » Digitally timed modes to 10 hours
- » Bargraph displays power while running
- » Digital Parameter entry with automatic validation
- » Twenty "user determined" presets available
- » Parallel printer port for parameter output with date
- » Serial interface (rs-232) for remote computer use
- » CSA, RoHs compliant
- » Frequency - 20 kHz

## **Fisher Scientific Ultrasonic Dismembrators**

**Versatile.** Offered at two power levels both of these ultrasonic dismembrators are ideal for a wide range of biological and processing applications. These include lysing, cell disruption, emulsification, homogenization, dispersion and acceleration chemical reactions.

**Ready to Use.** Both of these versatile units come ready to use out of the box. Each includes an ultrasonic power supply, a high efficiency converter, a processing tip (horn), and all necessary cabling and tools. An operator's manual explains the basics of use as well as tips on how to get the most out of your Fisher Scientific dismembrator.

**Easy to Use.** Both units have a clearly visible, easily accessible control panel. They both have variable amplitude to match output to application needs and an auto-tuning feature to assure consistent output under varying experimental conditions.



Accessories for Model 150E and 150T



Accessories for Model 500

**WARRANTY - 2 year warranty on parts and labor**

### **Fisher Scientific Dismembrator - Accessories**

#### **Model 150E and 150T**

Item	Product Number
3/32" Microtip	15-345-123
3/16" Microtip	15-345-125
1/8" Microtip	15-345-122
1/4" Microtip	15-345-124
Mini-cup Horn	15-338-76
Sound Proof Enclosure	22-309-803
Adapter for Sound Proof Enclosure	15-335-300

#### **Model 500**

Item	Product Number
1/8" Microtip Probe Tapered	15-338-67
Doublestep Coupler Portion Only	15-338-68
Doublestep Tip Portion Only	15-338-69
3/4" (19.1mm) Solid Horn	15-338-58
2" Cup Horn	15-338-74
3" Cup Horn	15-338-75
Rosette Cooling Cell 250ml	15-338-71
Sound Proof Enclosure	22-309-803



**Sound Proof Enclosure for all models**

Voice 1-877-CALL-FISHER ext. 9987  
Cell 1-412-667-7764  
Sales.Rep@fishersci.com



For customer service, call 1-800-766-7000.  
To fax an order, use 1-800-926-1166.  
To order online: [www.fishersci.com](http://www.fishersci.com)



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

### LOOKING FOR MORE INFORMATION?

Visit us on the web at [www.artisanng.com](http://www.artisanng.com) ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)