

ML230 Focused-ultrasonicator

The Parallel Sample Processing Platform

Powered by Covaris Adaptive Focused Acoustics® (AFA®)

Proprietary Covaris AFA-energetics™ for Standardization of Pre-analytical Sample Preparation

- Parallel processing of up to 8 samples simultaneously
- Compatible with AFA-TUBE conical style strip tubes- no thread or septa
- Small footprint with built-in touchscreen and USB ports saves bench space and is easy to clean
- Automatic water level detection reduces user variability

Features	Benefits
Simultaneous processing	Preserves labile biomolecules
AFA-energetics (active, non-contact, isothermal acoustic energy)	Precise and accurate results with the robust AFA process
Intuitive touchscreen control	Friendly, easy-to-use software user interface
Easy walk-up-and-use system	Preloaded protocols and training guides

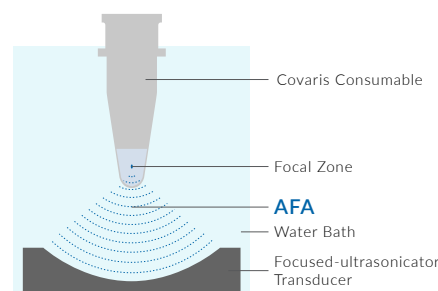
Powerful and Easy-to-use!



Compact Design - Only 18.3 Inches Wide

Patented Covaris AFA Attributes

- Medical grade high frequency (MHz) ultrasonic transducer
- Geometrically focused convergent acoustic energy
- Non-contact delivery of controlled focused acoustic energy
- Sample vessel engineered for AFA
- Consistent sample processing temperature



Product Specifications

Part Number	500656
Treatment Power	2.5 to 500 Watts peak incident power, 0.1 to 250 Watts average incident power
Dimensions	46.5 cm (width), 51.5 cm (depth), and 58.5 cm (height)
Weight	36 kg
Power Requirements	100 to 240 VAC 500VA, 50 to 60 Hz
Operating Environment	15 to 25 °C
Sample Processing Temperature	10 to 40 °C
Regulatory Labeling	CE, ETL Mark (for Product Safety), WEEE
Operating System	Microsoft Windows 10
Covaris Software	SonoLab™ 10
Computer	Integrated controller with touchscreen
Chiller/Heater	Integrated, Air-cooled
Batch Size	1 to 8 samples

Instrument Portfolio

Low-throughput

High-throughput

