

Bead Ruptor 24 Elite

BEAD MILL HOMOGENIZER



*The most powerful and
efficient Homogenizer available*



Bead Ruptor 24 Elite



ORDER NO. 19-040E

Ideal for

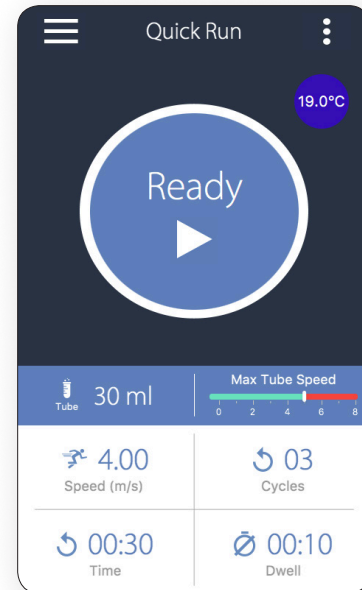
- DNA/RNA extraction
- Tissue homogenization
- Enzyme isolation
- Protein purification
- Food safety testing
- Drug extraction
- qPCR, RT-PCR, electrophoresis, mass spectrometry

Features

- **New!** Touch Screen Interface
- Optimized tube motion with speeds up to 8 m/s
- Process up to 24 samples per cycle
- Convenient front loading design
- Interlocking Safety Lid
- Optimate™ Software
 - Intuitive user interface
 - Customize saved programs
- Widest range of accessories available
- Process samples from 25 µL to 50 mL

NEW!

Touch Screen Interface



The **Bead Ruptor 24 Elite** is the most advanced and powerful bead mill homogenizer available. It is designed for grinding, lysing, and homogenizing biological samples prior to molecular extraction. Available with a wide range of accessories the Bead Ruptor 24 Elite enables processing of samples in volumes ranging from 0.5 mL to 50 mL. The optional Bead Ruptor Cryo Cooling Unit (**19-8010**) is designed to prevent the increase of sample temperature during the homogenization process.

Specifications

Processing Range: 25 µL to 50 mL

Power Rating: 100-230 VAC/50-60 Hz

Dimensions: 15" W x 17" D x 13" H

Weight: 29 kg (65 lbs.)

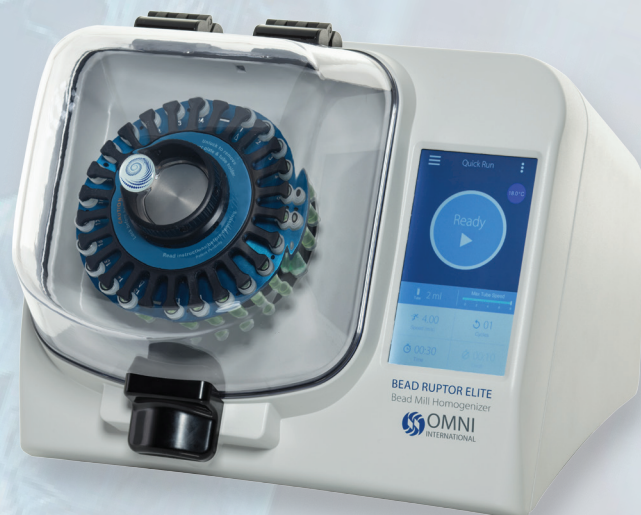
Compliance: CE

Run Time: 1s - 9:59 m

Performance Range:
0.8 m/s - 8 m/s
in increments of 0.15 m/s

Bead Ruptor 24 Elite

Bead Mill Accessories

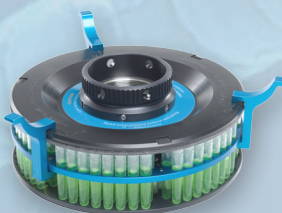


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96 Strip Well Tube Carriage Kit

ORDER NO. 19-010-330

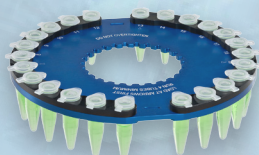
- 96 x 1.2 mL strip well tubes
- Includes tube carriage and plate.



1.5 mL Microtube Carriage Kit

ORDER NO. 19-010-310S

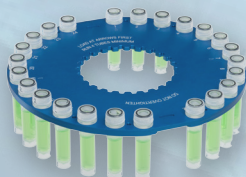
- 24 x 1.5 mL microtubes
- Includes Bead Ruptor Finger Plate and tube carriage.



2 mL Tube Carriage Kit

ORDER NO. 19-010-310

- 24 x 2 mL or 24 x 0.5 mL skirted tubes
- Includes Bead Ruptor Finger Plate and tube carriage.



7 mL Tube Carriage Kit

ORDER NO. 19-010-320

- 12 x 7 mL tubes
- Includes tube carriage and lock ring.



15 mL Tube Carriage Kit

ORDER NO. 19-345-015

- 3 x 15 mL tubes
- Patent pending snap-in tube carriage for 15 mL samples. Kit includes tube carriage and lock ring.



30 mL Tube Carriage Kit

ORDER NO. 19-345-035

- 6 x 30 mL tubes
- Patent pending snap-in tube carriage for 30 mL samples. Kit includes tube carriage and lock ring.



50 mL Tube Carriage Kit

ORDER NO. 19-345-050

- 3 x 50 mL tubes
- Patent pending snap-in tube carriage for 50 mL samples. Kit includes tube carriage and lock ring.



Bead Ruptor 24 Elite

Omni offers a selection of Beads and Tubes for ultimate versatility

A variety of bead media are available for different sample types. Omni's various tube sizes fit a range of sample volumes. With the Bead Ruptor's vigorous and uniform shaking, all samples are consistently homogenized.

A selection of our best-selling Bead Kits:

2 mL PRE-FILLED BEAD MILL TUBES

	ORDER NO.
Hard Tissue Grinding Mix, 2 mL	19-620
Micro-organism Lysing Mix, 2 mL	19-621
Soft Tissue Homogenizing Mix, 2 mL	19-627
Hard Tissue Homogenizing Mix, 2 mL	19-628

7 mL PRE-FILLED BEAD MILL TUBES

	ORDER NO.
Soft Tissue Homogenizing Mix, 7 mL	19-677
Hard Tissue Homogenizing Mix, 7 mL	19-678
Hard Tissue Grinding Mix, 7 mL	19-670

30 mL PRE-FILLED BEAD MILL TUBES

	ORDER NO.
Hard Tissue Grinding Mix, 30 mL	19-6350



Tube Selection Guide

Tube Size	VOLUME RANGE						
	20 μ L	100 μ L	1 mL	5 mL	15 mL	30 mL	50 mL
0.5 mL	20 μ L - 300 μ L						
1.2 mL stripwell	20 μ L - 800 μ L						
1.5 mL	20 μ L - 1.5 mL						
2 mL	100 μ L - 1.8 mL						
7 mL			1 mL - 5 mL				
15 mL				5 mL - 15 mL			
30 mL					5 mL - 30 mL		
50 mL						5 mL - 50 mL	



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