

# Bead Ruptor Elite

## BEAD MILL HOMOGENIZER



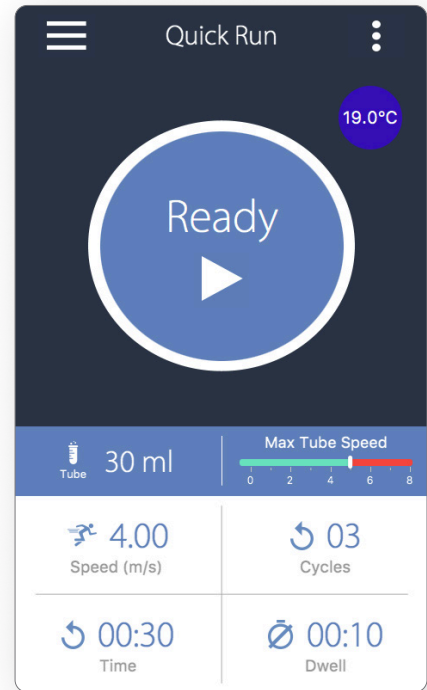
The most powerful and  
efficient Homogenizer available



**OMNI**  
International  
The Homogenizer Company®

# Bead Ruptor Elite

## Touch Screen Interface



The Bead Ruptor 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 Elite enables processing of samples in volumes ranging from 0.5 mL to 50 mL. The optional Bead Ruptor Cryo Cooling Unit (19-8005) is designed to minimize the increase of sample temperature during the homogenization process.



ORDER NO. 19-040E

## Specifications

**Processing Range:** 25  $\mu$ L to 50 mL

**Power Rating:** 115-230 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

## Ideal for

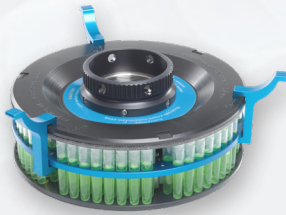
- DNA/RNA extraction
- Tissue homogenization
- Enzyme isolation
- Protein purification
- Food safety testing
- Drug extraction
- qPCR, RT-PCR, electrophoresis, mass spectrometry

## Features

- Touch Screen Interface
- Optimized tube motion with speeds up to 8 m/s
- Process up to 24 samples per cycle
- Convenient front loading design
- Locking Safety Lid
- Optimate™ Software
  - Intuitive user interface
  - Customize and save programs
- Widest range of accessories available
- Process samples from 25  $\mu$ L to 50 mL

# Bead Ruptor Elite

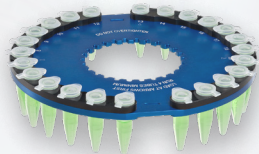
## Bead Mill Accessories



### 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. 19-345-007**

- 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.



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# Bead Ruptor Elite

Omni offers a selection of Beads and Tubes for ultimate versatility

A variety of bead media are available for different sample types. Omni International'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 µL	100 µL	1 mL	5 mL	15 mL	30 mL	50 mL
0.5 mL	20 µL - 300 µL						
1.2 mL stripwell	20 µL - 800 µL						
1.5 mL	20 µL - 1.5 mL						
2 mL	100 µL - 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	



**OMNI**  
International

935 Cobb Place Blvd.  
Kennesaw, GA 30144  
800.776.4431 • 770.421.0058  
www.omni-inc.com

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