

Bead Ruptor Elite™

BEAD MILL HOMOGENIZER



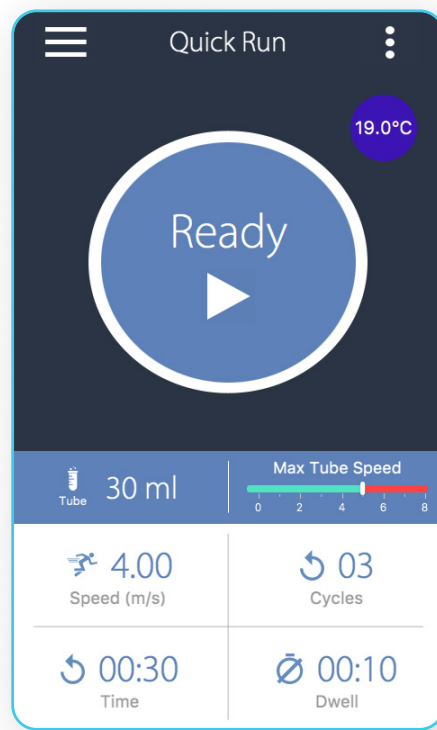
Sample Preparation
Made Easy

 **OMNI**
International
a PerkinElmer company

Bead Ruptor Elite™ Bead Mill Homogenizer



Touch Screen Interface



Specifications

Processing Range: 25 μ 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: 1 s - 9:59 m

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

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 μ L to 50 mL

The Bead Ruptor Elite™ Bead Mill Homogenizer is designed for grinding, lysing, and homogenizing biological samples prior to molecular extraction. Available with a wide range of accessories the Bead Ruptor Elite™ Bead Mill 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.

Ideal for

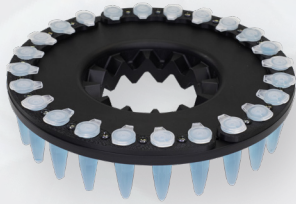
- DNA/RNA extraction
- Tissue homogenization
- Enzyme isolation
- Protein purification
- Food safety testing
- Drug extraction
- qPCR, RT-PCR, electrophoresis, and mass spectrometry



Bead Ruptor™ Cryo Cooling Unit
ORDER NO. 19-8005

Bead Ruptor Elite™ Bead Mill Homogenizer

Bead Mill Accessories



Bead Ruptor Elite™ 1.5 mL Microcentrifuge Tube Carriage

ORDER NO. 19-372

- Capacity: 24 x 1.5 mL Microcentrifuge Tubes
- Volume Range: 200 µL - 1 mL
- Compatible with most 1.5 mL Microcentrifuge Tubes
- Force Limit: Maximum speed of 8 m/s



Bead Ruptor Elite™ 2 mL Tube Carriage

ORDER NO. 19-373

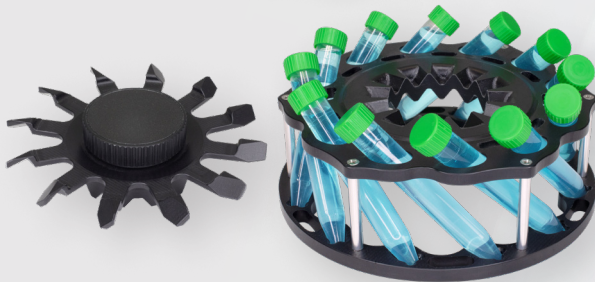
- 24 x 2 mL Skirted Screw Cap Tubes
- Volume Range: 200 µL - 1.5 mL
- Requires OMNI 2 mL Tubes
- Force Limit: Maximum speed of 8 m/s



Bead Ruptor Elite™ 7 mL Tube Carriage

ORDER NO. 19-374

- Capacity: 12 x 7 mL Skirted Screw Cap Tubes
- Volume Range: 0.5 mL - 5 mL
- Requires OMNI 7 mL Tubes
- Force Limit: Maximum speed of 6 m/s



Bead Ruptor Elite™ 15 mL Tube Carriage with 15 mL Finger Plate

ORDER NO. 19-375

- Capacity: 12 x 15 mL Screw Cap Conical Centrifuge Tubes
- Volume Range: 500 µL - 10 mL
- Requires OMNI 15 mL Tubes
- Force Limit: Maximum speed of 5 m/s



Bead Ruptor Elite™ 30 mL Tube Carriage

ORDER NO. 19-376

- Capacity: 6 x 30 mL Tubes
- Volume Range: 5 mL - 30 mL
- Requires OMNI 30 mL Tubes
- Force Limit: Maximum speed of 5 m/s



**Universal Finger Plate
included with
Bead Ruptor Elite™ Bead Mill**
ORDER NO. 19-370



Bead Ruptor Elite™ 50 mL Tube Carriage

ORDER NO. 19-377

- Capacity: 3 x 50 mL Tubes
- Volume Range: 5 mL - 50 mL
- Requires OMNI 50 mL Tubes
- Force Limit: Maximum speed of 5 m/s



ORDER NO. 19-042E
Includes Universal Finger Plate 19-370

**For research use only.
Not for use in diagnostic procedures.**

Bead Ruptor Elite™ Bead Mill Homogenizer

OMNI offers a variety 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™ Bead Mill'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
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		



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Camlab Ltd • 24 Norman Way Industrial Estate • Over • Cambridge • CB24 5WE • UK
sales@camlab.co.uk • 01954 233 110 • www.camlab.co.uk



OMNI
International
a PerkinElmer company

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