Bead Ruptor Elite™

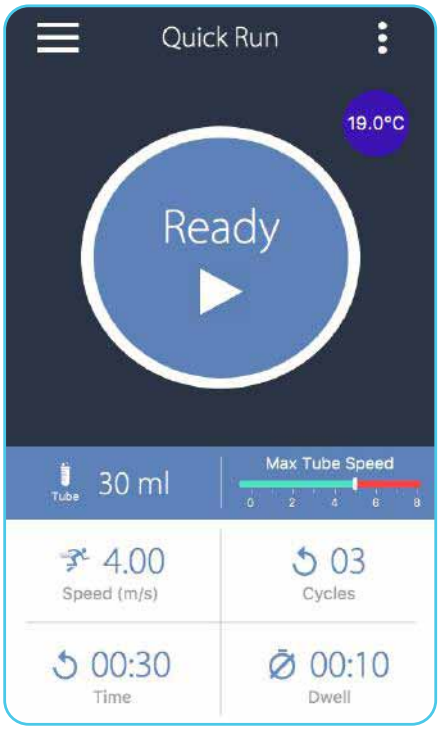
BEAD MILL HOMOGENIZER

Sample Preparation Made Easy

OMNI International

Bead Ruptor Elite™ Bead Mill Homogenizer

Touch Screen Interface



Specifications

Processing Range: 25 µL 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

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 µL 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

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

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

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

	VOLUME RANGE						
Tube Size	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	

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

(주)바이오디 (우.14322) 경기도 광명시 하안로 60 광명테크노파크 A동 1101호 www.biod.co.kr
구매문의 T_02.6264.3399 F_02.6264.3400 E_고객: cs@biod.co.kr / 업체: ds@biod.co.kr