

# Bead Mill 24 Homogeniser



- DNA/RNA extraction
- Tissue homogenisation
- Enzyme isolation
- Protein purification

Specifications	
Processing range	25µL to 2mL
Power rating	110-230VAC/50-60Hz
Dimensions (w x d x h), mm	127 x 431 x 330
Weight	29kg
Run time	1s - 9.59 m:ss
Programmes	99
Cycles	1-10
Performance range	0.8 m/s - 6 m/s in increments of 0.15 m/s

The Fisherbrand Bead Mill 24 is the most advanced and powerful bead mill homogeniser available. Designed for grinding, lysing and homogenising biological samples prior to molecular extraction. The Bead Mill 24's unique tube carriage motion, coupled with sample-specific bead beating materials, ensures that a thorough homogenate is achieved regardless of sample type. The high lysing efficiency of the Bead Mill 24 results in an increase in nucleic acid, protein and small molecule yields that increases the sensitivity of downstream assays.

Every Bead Mill 24 also includes a 2mL tube carriage kit.



- Compatible with 24 x 2mL or 24 x 0.5mL skirted tubes
- Includes a 24-place tube carriage and bead mill finger plate that holds the 2mL tubes firmly in place during processing

#### Ordering Information

Cat. No	Description
15515799	Bead mill 24 homogeniser

**Fisherbrand offers a selection of lysing beads and tubes for processing a wide range of samples**

A variety of bead media are available for different sample types and bead tubes are offered pre-filled. Fisherbrand bulk beads and tubes are available. Fisherbrand bead tubes are also compatible with most other commercial bead mills.



**For best results, use with Fisherbrand pre-filled bead tubes.**

**See back page for details**

## Fisherbrand Grinding Beads Selection Guide

Sample Type	Bead Media			
	Glass	Ceramic		Metal
	0.5mm	1.4mm	2.8mm	2.4mm
Microbes and spores	•			
Soft animal tissues (brain, liver, kidney)		•	•	
Fibrous animal tissues (heart, muscle, skin)			•	
Plant materials			•	
Difficult biological samples (hair, bone, seeds etc)				•

## Fisherbrand 2mL pre-filled bead mill tubes

Cat. No	Description	Pack qty
15545799	0.5mm glass beads	50 tubes
15555799	1.4mm ceramic beads	50 tubes
15565799	2.8mm ceramic beads	50 tubes
15535799	2.4mm metal beads	50 tubes

## Fisherbrand 2mL bulk beads

Cat. No	Description	Pack qty
15515809	1.4mm ceramic beads, pack of 325g	1
15525809	2.8mm ceramic beads, pack of 325g	1
15505809	2.4mm metal beads, pack of 500g	1

## Fisherbrand 2mL bulk tubes

Cat. No	Description	Pack qty
15545809	Reinforced 2mL bulk tubes (supplied empty without beads) with screw caps and O-rings	500
15535809	Non-reinforced 2mL bulk tubes (supplied empty without beads) with screw caps and O-rings	500

Find out more at [eu.fishersci.com](http://eu.fishersci.com)

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