

## TISSUE GRINDERS



### BioMasher II® Closed System Disposable Micro Tissue Homogenizers, Sterile & Non-Sterile

The BioMasher II® is a micro-sized version of our CS1 and CS2 disposable, closed system tissue homogenizers. It has a pestle with a molded-in shaft guard to minimize potential exposure to hazardous materials. The abrasive surfaces on the pestle tip and inner tube area ensure efficient grinding of samples. The BioMasher II® is available both sterile and non-sterile and is ideal for homogenizing of animal tissues and organs as well as plant materials, insects, DNA, RNA, proteins, yeasts and enzymes. The tube is clear polypropylene and the pestle is polyacetal.

Catalog No.	Description	Case Qty.
749625-0010	1.5mL Tube with Pestle, Non-Sterile, Bulk Pack	50
749625-0020	1.5mL Tube with Pestle, Non-Sterile, Single Pack	50
749625-0030	1.5mL Tube with Pestle, Sterile, Single Pack	50

BioMasher II® is a registered trademark of NIPPI Inc., Tokyo, Japan.

### Resuspend Protein and DNA Pellets or Grind Soft Tissues in Microtubes

#### Pellet Pestles, RNase / DNase / Pyrogen-Free, Disposable

- Individually wrapped to ensure purity
- Autoclavable blue polypropylene

Catalog No.	Description	Case Qty.
749520-0090	1.5 mL RNase-Free Pellet Pestle® with Tube	100
749520-0590	0.5 mL RNase-Free Pellet Pestle® with Tube	100
749521-0590	0.5 mL RNase-Free Pellet Pestle® Only	100
749521-1590	1.5 mL RNase-Free Pellet Pestle® Only	100
749510-0590	0.5 mL RNase-Free Microtube Only	100
749510-1590	1.5 mL RNase-Free Microtube Only	100

#### Pellet Pestles with Matching Tubes, Disposable

- Autoclavable blue polypropylene pestles

Catalog No.	Description	Pestle Length (cm)	Case Qty.
749520-0500	0.5 mL Pellet Pestle® with Tube	7	100
749520-0000	1.5 mL Pellet Pestle® with Tube	7	100
749521-0500	0.5 mL Pellet Pestle® Only	7	100
749521-1500	1.5 mL Pellet Pestle® Only	7	100
749560-0500	0.5 mL Tube Only, Natural	—	1000
749560-1500	1.5 mL Tube Only, Natural	—	500

#### Stainless Steel / CTFE Pellet Pestles, Reusable

- For micro centrifuge tubes
- Reusable and autoclavable

Catalog No.	Description	Pestle Length (cm)	Case Qty.
749516-0500	0.5 mL Pellet Pestle® Only	6	1
749515-0000	1.5 mL Pellet Pestle® Only	14	1
749515-1500	15 mL Pellet Pestle® Only	21	1
749515-5000	50 mL Pellet Pestle® Only	21	1

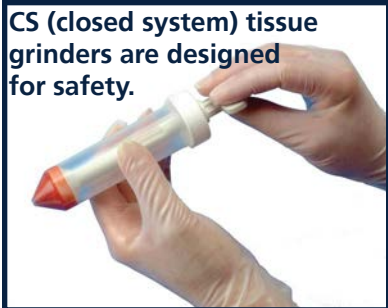
#### Pellet Pestle® Cordless Motor

- For all Pellet Pestle® mixers, comes complete with two AA batteries

Catalog No.	Description	Case Qty.
749540-0000	Pellet Pestle® Cordless Motor	1
749541-0000	Replacement Motor Adapter	1

# PELLET PESTLES





CS (closed system) tissue grinders are designed for safety.



CS1 Molded Tip

CS2 Vitrified Tip

## CS1 and CS2 Closed System Tissue Grinders

- Molded tips for standard grinding
- Vitrified tips for aggressive grinding of tougher tissue
- Sterile and individually packed in convenient, easy-open packs



50 mL



15 mL

**Closed System Tissue Grinders minimize personal contact with potentially harmful samples.**

Safer Grinding

### CS1 Sterile Tissue Grinders for Standard Grinding

- Closed system protects you and your sample
- Convenient and easy-to-use
- Engineered for performance

**CS1 Sterile Tissue Grinders** are easy to use and designed for your safety. Tissues are ground within a sealed container to minimize the risk of personal contact - exposure to sample aerosols is eliminated. Narrow pestles eliminate the potential of sample overflow common with other types of grinders. The molded-in abrasive surface on the pestle tip leaves no sediment to obstruct sample examination. Each grinder comes with a fully assembled pestle, a conical sample tube with solid top cap, an adhesive identification label and an instruction card. All are gamma sterilized in easy-open packs. Tubes are made of PP, pestles are 30% glass-filled PP and caps are HDPE.

Catalog No.	Description	Case Qty.
749600-0015	15 mL	10
749600-0050	50 mL	10

### CS2 Sterile Tissue Grinders for More Aggressive Grinding

- Vitrified pestle tips for tougher tissues
- Same closed system for your safety

**CS2 Sterile Tissue Grinders** are similar to the CS1 grinders but with a vitrified tip for more aggressive grinding of difficult samples. The proprietary silica casting process results in a glass-like abrasive tip surface that makes it easier to homogenize fibrous samples. The closed system design allows for grinding to take place within a sealed container. Each grinder comes with a fully assembled pestle, a conical sample tube with solid top cap, an adhesive identification label and an instruction card. All are gamma sterilized in easy-open packs. Tubes are made of PP, pestles are 30% glass-filled PP, caps are HDPE and vitrified tips are cast silica.

Catalog No.	Description	Case Qty.
749610-0015	15 mL	10
749610-0050	50 mL	10

**See the web for our complete line of tissue grinders: [www.kimble-chase.com](http://www.kimble-chase.com)**