

MP Fastprep-24™
with 2 ml BashingBead™ Tubes

Maximum of 20 tubes. The weight of > 20 tubes may cause a system error.

1. 1 minute on at max speed
2. 5 minutes rest
3. Repeat cycle 5 times for a total of 5 minutes of bead beating

Biospec Mini-BeadBeater-96
with 2 ml BashingBead™ Tubes

1. 5 minutes on at Max RPM
2. 5 minutes rest
3. Repeat cycle 4 times for a total of 20 minutes of bead beating

Biospec Mini-BeadBeater-96
with 96 well lysis rack

1. 5 minutes on at Max RPM
2. 5 minutes rest
3. Repeat cycle 8 times for a total of 40 minutes of bead beating

Biospec Mini-BeadBeater-16
with 2 ml BashingBead™ Tubes

1. 1 minute at maximum speed
2. 5 minutes rest
3. Repeat cycle 5 times for a total of 5 minutes of bead beating

Vortex Genie
with Horizontal-(24) Microtube Adaptor

Maximum of 18 tubes. The weight of > 18 tubes will slow the mechanism and introduce bias.

1. 40 minutes of continuous bead beating (max of 18 tubes per adaptor)

Bertin Precellys Evolution
with 2 ml BashingBead™ Tubes

1. 1 minute on at 9,000 RPM
2. 2 minutes rest
3. Repeat cycle 4 times for a total of 4 minutes of bead beating

Omni Bead Ruptor Elite
with 2 ml BashingBead™ Tubes

Tested by Omni International using the ZymoBIOMICS™ workflow.

1. 1 minute on at 6 m/s
2. 5 minutes rest
3. Repeat cycle 3 times for a total of 3 minutes of bead beating

Retsch Mixer Mill MM 400

No tested conditions yielded accurate profiles. This device is not validated by Zymo Research for microbiome research.

TissueLyser LT

No tested conditions yielded accurate profiles. This device is not validated by Zymo Research for microbiome research.

TissueLyser 96

No tested conditions yielded accurate profiles. This device is not validated by Zymo Research for microbiome research.