

# TissueLyser Bead Dispensers

## For dispensing beads into disruption vessels

### Product Contents

<b>TissueLyser Single-Bead Dispenser</b>	<b>5 mm</b>	<b>7 mm</b>
<b>Catalog no.</b>	<b>69965</b>	<b>69967</b>
Bead dispenser	1	1
Funnel	1	1

<b>TissueLyser Bead Dispenser, 96-Well</b>	<b>3 mm</b>	<b>5 mm</b>
<b>Catalog no.</b>	<b>69973</b>	<b>69975</b>
Bead dispenser	1	1
Funnel	1	1

### Storage Conditions

TissueLyser Bead Dispensers should be stored dry at room temperature (15–25°C).

### Product Description

TissueLyser Bead Dispensers are designed for efficient and user-friendly dispensing of grinding beads into disruption vessels for sample homogenization using the QIAGEN® TissueLyser.

TissueLyser Single-Bead Dispensers are for dispensing beads into standard 2 ml microcentrifuge tubes. The dispensers fit onto a Gilson Carrousel™ Pipette Stand (ref. no. F161401). Dispensers are available for beads with diameters of 5 or 7 mm.

TissueLyser Bead Dispensers, 96-Well are for dispensing 96 beads in parallel into Collection Microtubes (racked) from QIAGEN (cat. no. 19560), enabling high-throughput disruption and homogenization. Dispensers are available for beads with diameters of 3 or 5 mm.

### Important Notes

TissueLyser Bead Dispensers can be cleaned with washing-up liquid and water. Do not use aggressive reagents such as acetone to clean the TissueLyser Bead Dispensers.

- Do not autoclave or heat-sterilize TissueLyser Bead Dispensers.
- Dispense beads into disruption vessels before adding lysis buffer or sample for disruption.
- Use TissueLyser Bead Dispensers only with beads of the specified size.
- Do not dismantle TissueLyser Bead Dispensers.

## Procedure

**IMPORTANT:** Read the *TissueLyser Handbook* and operating instructions before starting a disruption procedure.

### *TissueLyser Bead Dispensers, 96 well*

Open the TissueLyser Bead Dispenser reservoir, and fill it with beads using the funnel provided. The TissueLyser 3 mm Bead Dispenser holds 1000 beads; the TissueLyser 5 mm Bead Dispenser holds 300 beads. Close the reservoir, and place the TissueLyser Bead Dispenser over the Collection Microtubes (racked). Slide the TissueLyser Bead Dispenser reservoir forward and backwards until 96 beads have been dispensed. (Note: Slide the reservoir slowly to facilitate even distribution of the beads). Push the bead-release lever to shift the upper bead plate so that the holes line up and release the beads into the Collection Microtubes. Homogenize the sample according to the recommended kit protocol.

### *TissueLyser Single-Bead Dispenser*

Open the TissueLyser Bead Dispenser reservoir, and fill it with beads using the funnel provided. The TissueLyser 5 mm Bead Dispenser holds 150 beads; the TissueLyser 7 mm Bead Dispenser holds 45 beads. Close the reservoir, and hold the bead dispenser above a reaction tube. Push the plunger to dispense a single bead into the disruption vessel. Homogenize the sample according to the recommended kit protocol.

## Ordering Information

Product	Contents	Cat no.
TissueLyser 3 mm Bead Dispenser, 96-Well	For dispensing 96 beads (3 mm diameter) in parallel	69973
TissueLyser 5 mm Bead Dispenser, 96-Well	For dispensing 96 beads (5 mm diameter) in parallel	69975
TissueLyser Single-Bead Dispenser, 5 mm	For dispensing individual beads (5 mm diameter)	69965
TissueLyser Single-Bead Dispenser, 7 mm	For dispensing individual beads (7 mm diameter)	69967
<b>Related products</b>		
TissueLyser	Universal laboratory mixer-mill disruptor	Inquire
Stainless Steel Beads, 5 mm (200)	Stainless Steel Beads, suitable for use with the TissueLyser system	69989
Tungsten Carbide Beads, 3 mm (200)	Tungsten Carbide Beads, suitable for use with the TissueLyser system	69997
Collection Microtubes (racked)	Nonsterile polypropylene tubes (1.2 ml), 960 in racks of 96	19560
Collection Microtube Caps	Nonsterile polypropylene caps for collection microtubes (1.2 ml) and round-well blocks, 960 in strips of 8	19566
TissueLyser Adapter Set 2 x 96	2 sets of Adapter Plates for use with Collection Microtubes (racked) on the TissueLyser	69984
TissueLyser Adapter Set 2 x 24	2 sets of Adapter Plates and 2 racks for use with 2.0 ml microcentrifuge tubes on the TissueLyser	69982

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