

BEAD BEATER VORTEXER IG-DMS



CONTACT US

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ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is gaining recognition by offering resilient, innovative solutions in laboratory instrumentation across healthcare, genomics, drug discovery, biopharma, and food & beverage sectors. We strive to enhance lab efficacy and reduce challenges through advanced technologies and a diverse product portfolio tailored to our customers' needs.

KEY FEATURES

- Wide Speed Range (300–4200 RPM):** Adjustable speed control allows gentle mixing to vigorous vortexing for diverse sample requirements.
- Pulse Mode (Highlight Feature):** Customizable intermittent mixing enhances sample disruption, prevents overheating, and ensures uniform processing—ideal for bead beating applications.
- Dual Operation Modes:** Choose between Continuous and Touch operation for maximum flexibility.
- Digital Dual Display:** Simultaneous display of speed and time ensures precision and user-friendly operation.
- Programmable Time Settings:** Adjustable from 1 to 999 minutes or infinite for continuous operation.
- Efficient Orbital Mixing:** 4 mm orbital diameter provides thorough and consistent mixing results.
- Brushless DC Motor:** Maintenance-free, durable motor guarantees long-term reliable performance.
- Stable & Vibration-Free:** Built-in counterbalance ensures smooth, quiet operation even at high speeds.
- Accessory Compatibility:** Supports a wide variety of attachments for tubes, microplates, and flasks.

DESCRIPTION

The Bead Beater Vortexer is an advanced mixing instrument designed for efficient sample disruption, homogenization, and mixing. It has a wide speed range and programmable operation. Its standout Pulse Mode feature enables intermittent mixing cycles, delivering superior efficiency in breaking tough samples and enhancing reproducibility.

TECHNICAL SPECIFICATIONS

Parameters	Bead Beater Vortexer IG-DMS
Speed Range	300 – 4200 RPM
Increment/Decrement	10 RPM
Time Range	1 – 999 min / ∞ (programmable)
Pulse Mode	Adjustable intermittent operation
Operation Modes	Touch / Continuous
Orbital Diameter	4 mm
Protection Class	IP21
Max. Load Capacity	500 g
Rated Voltage	24 V, 1.5 A
Rated Power	20 W
Frequency	50/60 Hz
Ambient Temperature	5°C – 40°C
Max. Humidity	80 % RH
Net Weight	~2.5 kg
Product Dimensions	150 × 130 × 115 mm

ORDERING INFORMATION

Item	Description
Instrument Name	Bead Beater Vortexer
Catalog / Order Code	IG-DMS
Standard Accessories Included	Main Unit × 1, Power Cord (Inbuilt) × 1
Optional Accessories	Tube holders, microplate holders, flask platforms (as per requirement)
Warranty	1 Year (manufacturing defects)
Ordering Notes	Please specify accessory requirements (tube size / plate type)



PCR tubes holder



.5 ml tubes holder



15 ml tubes



50ml tubes holder



PCR plate holder



Flask holder



CONNECT WITH US

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