

VORTEX MIXER



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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.

VORTEX MIXER IG-VMS

The IG-VMS Vortex Mixer is a versatile laboratory instrument designed to efficiently mix samples in test tubes, well plates, or flasks. Utilising a simple yet robust mechanism, it ensures high-precision agitation to facilitate thorough homogenization and encourage chemical reactions. Its ergonomic design and powerful brushless DC motor guarantee reliability and consistent performance in various laboratory environments.



FEATURES

- **Variable Speed Control** – Adjustable up to 2850 RPM, providing precise control over mixing intensity.
- **3-Mode Operation** – Equipped with a 3-way switch for Touch, Continuous, and Stand-by modes.
- **Brushless DC Motor** – Long-lasting motor with ball bearings for smooth, maintenance-free operation.
- **Orbital Diameter** – 4 mm orbital action, ensuring efficient sample agitation.
- **Visual Speed Marker** – Maximum speed indication with attachment for quick reference.
- **IP21 Protection** – Suitable for use in laboratory hoods, enhancing safety during operations.

SPECIFICATIONS

PARAMETERS	IG-VMS
Max Speed	2850 RPM
Orbital diameter	4 mm
Motor type	Brushless DC
Max Load Capacity	200 gm
Speed accuracy	± 5%
Mode of operation	Touch, Stand-by & Continuous mode
Dimensions	127 x 130 x 160 mm
Power Supply	220 - 240VAC, 50 Hz
Ambient temperature	5°C to 40°C
Weight	3.5 Kg
Inclusions	Universal Adaptor
Optional Attachments	Universal platform for attaching either microplate or microtube or flask Attachments

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IG-DMS

The IG-DMS Vortex Mixer is an essential tool for laboratory mixing, offering precise control over sample agitation. Its variable speed function allows for gentle shaking at low RPM and vigorous vortexing at high RPM, catering to a wide range of laboratory applications. The IG-DMS ensures seamless operation with minimal maintenance, thanks to its durable brushless DC motor and robust design.

SPECIFICATIONS

PARAMETERS	IG-DMS
Speed	300 - 4200 RPM
Increment/decrement	10 RPM
Time Range	1-999 min/∞ (programmable)
Pulse mode	Adjustable
Operation mode	Touch/Continuous
Orbital diameter	4 mm
Protection class	IP21
Max. load capacity	500 gm
Rated voltage	24 V, 1.5 A
Rated power	20 W
Frequency	50/60 Hz
Ambient temperature	5°C to 40°C
Max. humidity	80 % RH
Net weight	2.5 Kg (approx.)
Product size	150 x 130 x 115 mm

FEATURES

- **Dual Operation Mode** – Switch between Continuous and Touch modes to suit various mixing needs.
- **Wide Speed Range** – Adjustable from 300 to 4200 RPM, allowing flexibility for different applications.
- **Digital Dual Display** – Simultaneously shows speed and time for enhanced accuracy and control.
- **Brushless DC Motor** – Ensures maintenance-free, long-term operation with consistent performance.
- **Orbital Diameter** – 4 mm orbital movement delivers efficient and thorough sample mixing.
- **Built-in Counterbalance** – Guarantees stable and vibration-free operation.
- **Adjustable Time Settings** – Programmable from 1 to 999 min or infinite for continuous use.
- **Pulse Mode** – Customizable for intermittent mixing, enhancing sample processing efficiency.
- **Accessory Compatibility** – Compatible with a wide array of optional accessories to expand functionality.





iGENE LABSERVE®
Innovative • Interactive • Intuitive



CONNECT WITH US.

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