ADVANCE SCIENCE

INNOVATION | PRECISION | PERFORMANCE

# Vortex Mixer

## MODEL NO. : AS-VM-01

A compact and reliable vortex mixer designed for efficient and consistent mixing of samples in laboratories. It offers variable speed control, analog operation and robust construction for long-lasting performance.




**VARIABLE SPEED** | **MICROPROCESSOR CONTROLLED** | **LOW NOISE** | **ROBUST DESIGN**

## TECHNICAL SPECIFICATIONS

| Parameter | Specification |
|---|---|
| Type of Drive Motor | Carbon Brush DC Motor |
| Display Option/ Output Read out Option | Analog |
| Material of Mixing Head/ Vortex cup | Rubber |
| Type of Controller | Microprocessor Controlled |
| Base Material | Die cast aluminium |
| Body Material | Die cast Aluminium |
| Finish of Body Material | Other |
| Number of Sample tubes testable simultaneously | Single Tube |
| Largest Volume of the tube testable | 200 milliliter |
| Noise Level (maximum) | 20 decibel |
| Maximum Load capacity | 0.5 kilogram |
| IP rating or Ingress protection rating | 21 |
| Activation mode | Press Activated and Continuous run |
| Speed mode | Variable Speed |
| Number of Programmable/ Programmed modes | 1 |
| Minimum Speed (RPM) | 300 |

## KEY FEATURES

- Carbon Brush DC motor for reliable and smooth operation.
- Microprocessor controlled system for accurate performance.
- Analog front panel for easy operation.
- Variable speed with minimum speed of 300 RPM.
- Press activated and continuous run mode.
- Single tube operation up to 200 ml.
- Low noise operation (20 dB).
- Robust die cast aluminium body for long life.
- Maximum load capacity of 0.5 kg.
- IP rating 21 for safe laboratory use.

## APPLICATIONS

Sample Mixing | Molecular Biology | Biochemistry Labs | Research Laboratories | Clinical Laboratories | Educational Institutes

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