

VM63 3-CHANNEL VIBRATION METER



- 3 different parameters of velocity, acceleration and displacement in 1 display.
- Specially designed for easy on site vibration measurement of all rotating machinery for quality control, commissioning, and predictive maintenance purposes.
- Wide frequency range (10Hz~10kHz) in acceleration mode.
- Bearing condition monitoring function.
- Use USB/RS-232 data output to connect with PC.
- Provide Bluetooth data output choice.

| Vibration Standard | | | | |
|---|-----------|--------------------------------------|-----------|-----------|
| ISO/TS2373 Motor Quality Standard According As Vibration Velocity | | | | |
| Quality Rank | Rev(rpm) | H:high of shaft(mm) | | |
| | | Maximum vibration velocity rms(mm/s) | | |
| | | 80<H<132 | 132<H<225 | 225<H<400 |
| Normal | 600~3600 | 1.8 | 2.8 | 4.5 |
| | 600~1800 | 0.71 | 1.12 | 1.8 |
| Good(R) | 1800~3600 | 1.12 | 1.8 | 2.8 |
| | 600~1800 | 0.45 | 0.71 | 1.12 |
| Excellent(S) | 1800~3600 | 0.71 | 1.12 | 1.8 |

| Specification | | |
|----------------------|-------------------------------|--|
| Sensor | 3 Piezoelectric Transducers | |
| Measuring Range | Acceleration | 0.1~400m/s ² 0.3~1312ft/s ² 0.0~40g Equivalent Peak |
| | Velocity | 0.01~400mm/s 0.004~16.0inch/s True RMS |
| | Displacement | 0.001~4.0 mm 0.04~160.0 mil Equivalent Peak-peak |
| Frequency Range | Acceleration | 10Hz~10kHz |
| | Velocity | 10Hz~1kHz |
| | Displacement | 10Hz~1kHz |
| Accuracy | 5% of Reading+2 digits | |
| Operating Conditions | Temperature | 0~50°C |
| | Humidity | <90%RH |
| Power Supply | 4x1.5V AAA(UM-4)Battery | |
| Dimensions | 140x73x35mm | |
| Weight | 415g(Not Including Batteries) | |



Standard Accessories:

- Main Unit
- Piezoelectric Transducers
- Powerful Rare Earth Magnet
- Probe(Cone)&Probe(Spherical)
- Carrying Case(B04)
- Manual Book

Acision Authorised Distributor:
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