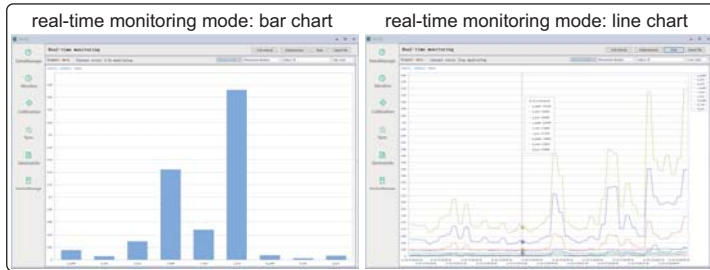


VIBRATION METER

CODE 0022-VM20

- Can measure vibration frequency
- Can measure virtual value/peak value/peak-peak value of acceleration, velocity and displacement
- Suitable for factory inspection, status monitoring and fault diagnosis of mechanical equipments such as motors, pumps, fans, household appliances, compressors, smoke machines, generators, gearboxes, etc
- Software is included: on-line monitoring, data storage



software (included), monitor and collect data to PC software via USB cable, data can sent to Excel



length 2m

acceleration sensor

magnetic base

SPECIFICATION

| Measuring parameter | acceleration (virtual/peak/peak-peak value) $a_{RMS,1}$, $a_{Peak,1}$, $a_{P-P,1}$, a_{Peak} , a_{P-P} | velocity (virtual/peak/peak-peak value) $V_{RMS,1}$, $V_{Peak,1}$, $V_{P-P,1}$, V_{Peak} , V_{P-P} | displacement (virtual/peak/peak-peak value) $d_{RMS,1}$, $d_{Peak,1}$, $d_{P-P,1}$, d_{Peak} , d_{P-P} |
|---|--|---|---|
| Measuring range | 0.01~200m/s ² (peak value) | 0.1~200mm/s (virtual value) | 0.01~2mm (peak-peak value) |
| Frequency range | 10Hz~5kHz | 10Hz~1kHz | 10Hz~500Hz |
| Amplitude frequency reponse | ±5% | | |
| Amplitude linearity | ±5% | | |
| Frequency accuracy | ±0.5% | | |
| Cut-off frequency (Second-order high-pass filtering) | 8kHz sampling frequency: 3.16Hz、10.00Hz、31.60Hz、N/A (adjustable) 32kHz sampling frequency: 12.64Hz、40.00Hz、126.4Hz、N/A (adjustable) | | |
| Display | 1.96" 128×64 dot matrix OLED screen | | |
| Language | Chinese, English, Portuguese | | |
| Power | <80mA/5V | | |
| Power supply | 4×AAA batteries: 6.0V/1000mAh AC/DC adapter: 5V/2A | | |
| Operation condition | temperature: -10°C~50°C humidity: 25%RH~90%RH, non-condensing pressure: 65kPa~108kPa | | |
| Dimension | 172×69×26mm | | |
| Weight | 240g | | |

STANDARD DELIVERY

| | |
|---------------------------------|-------|
| Main unit | 1 pc |
| Software | 1 pc |
| Accelerometer (including cable) | 1 pc |
| Magnetic base | 1 pc |
| M5 screw | 1 pc |
| Battery (AAA) | 4 pcs |
| AC/DC adapter | 1 pc |