

## PEN-TYPE DIGITAL VIBRATION METER MODEL NO. AR63C



### APPLICATION

Used for measuring periodic motion, to check the imbalance and deflecting of moving machinery. Specifically designed for present measuring various mechanical vibration. So as to provide the data for the quality control, run time and equipment upkeep.

### KEY FEATURES

- Simple to use, the structure is compact, portable for carrying with measurement
- Display measurement value and state instantly
- 3 measurements in one meter: Acceleration, Velocity and Displacement
- Different vibration frequency selection
- High sensitivity probe for accurate measurement
- Low power indication
- Auto Power-off
- LCD Backlight

# PEN-TYPE DIGITAL VIBRATION METER

## MODEL NO. AR63C

### SPECIFICATIONS

- ✧ Vibration pickup: Piezoelectric ceramic accelerometer (shear-type)
- ✧ Measurement Range:
  - Acceleration: 0.1 ~ 199.9m/s<sup>2</sup> peak
  - Velocity: 0.1 ~ 199.9 mm/s rms
  - Displacement: 0.001 ~ 1.9999mm p~p
  - (Velocity and displacement range is limited by acceleration 199.9m/s<sup>2</sup>)
- ✧ Accuracy: ±5% ±2digits
- ✧ Frequency Range
  - Acceleration: 10Hz ~ 1kHz (LO), 1kHz ~ 15kHz (HI)
  - Velocity: 10Hz ~ 1kHz (LO)
  - Displacement: 10Hz ~ 1kHz (LO)
- ✧ Displays update cycle: 1 second
- ✧ LCD display: 3½ digits display
- ✧ Single Output:
  - AC output 2V peak (display full scale)
  - Load impedance 10kΩ or more earphones can be connected
- ✧ Power Supply: 9V Alkaline Battery (included)
- ✧ Static current: ≤20μA
- ✧ Operating current: ≤20Ma
- ✧ Battery Life: 20hrs. continuous use
- ✧ Auto Power-off: Turns off automatically in 60sec
- ✧ LCD Backlight: 7sec
- ✧ Operating Environment
  - Temperature: 0 ~ 40°C (32 ~ 104°F)
  - Humidity: 30 ~ 90% R.H.
- ✧ Low Battery Indication: 6.9V ±0.2V
- ✧ Size: approx. 25 x 35 x 150mm
- ✧ Weight: approx. 182g (6.42oz) (battery included)

### ACCESSORIES

- \* 1 x Long Probe Tip
- \* 1 x Short Probe Tip (installed)
- \* 1 x Neck Strap/Lanyard
- \* 2 x 1.5V Battery
- \* Instruction Manual \* Standard Factory Packaging Box

## **BESTONE INDUSTRIAL LTD.**

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