TOOLS Measuring BEHROOZ

Pen-Type Digital Vibration AR36C

Application

This Professional Vibration Meter adopts piezoelectric effect of artificial polarized ceramic for design. It is suitable for monitoring all kinds of vibrating mechanical facility, specially the vibration measurement of rotating and reciprocating machinery.

It measures Acceleration, Velocity and Displacement, in which widely used in mechanical manufacturing industry, electric power metallurgy and general aviation industry.

Key Feature

* 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
* Comes with long & short probe head, each one is suitable for different measurement situation
* Equipped with AC signal output interface
* Low power indication
* Auto Power-off
* LCD Backlight

Specification

* Vibration pickup: Piezoelectric ceramic accelerometer (shear-type)
* Measurement Range:
Acceleration: 0.1 ~ 199.9m/s2 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/s2)
* 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

www.BTMco.ir
www.BTMco24.com
info@BTMco.ir

مشهد، خیابان سنایی، میدان صاحب الزمان (عج)   ۰۵۱- ۳۸ ۴۸ ۷۷ ۸۰ – ۷

BEHROOZ TOOLS Measuring Instruments

TOOLS MEASURING **BEHROOZ**

* 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. 67 x 30 x 183mm (2.64 x 1.18 x 7.2 inch)
* Weight: approx. 182g (6.42oz) (battery included)

Accessories

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

www.BTMco.ir
www.BTMco24.com
info@BTMco.ir

مشهد، خیابان سنایی، میدان صاحب الزمان (ع)   ۷ – ۰۸ ۷۷ ۴۸ ۳۸ –۰۵۱

BEHROOZ TOOLS Measuring Instruments