

This product adopts piezoelectric effect of artificial polarized ceramic for design. It is suitable for monitoring of all kinds of vibrating mechanical facility, specially the vibration measurement of rotating & reciprocating machinery. The unit can measure acceleration, velocity and displacement, which is widely used in mechanical manufacture, electric power metallurgy and general aviation etc. field.

SPECIAL FEATURES :

- * LCD display measurement result & conditions directly.
- * Measures acceleration (m/s^2 peak), velocity (mm/s ms), & displacement (mm p-p).
- * Selective vibration characteristic.
- * Uses hi-sense of vibration sensor, measuring accurately.
- * Equipped two probes (S and L) to adapt the different measurement requirement.
- * Provides a magnetic probe to fit the condition uneasy hold on by hand.
- * Low battery indication.
- * Auto turn off function.
- * LCD back light function.
- * Maximum value hold function.
- * Temperature unit °C/ °F selection.

GENERAL SPECIFICATIONS :

- * Measurement frequency : 10Hz ~ 15kHz
- * Range of acceleration : 0.1 ~ 199.9 m/s
- * Measurement frequency : 10Hz ~ 1KHz (LO)
- * Range of velocity : 0.1 ~ 199.9 mm/s rms
- * Measurement frequency : 10 Hz ~ 1KHz (LO)
- * Range of displacement : 0.001 ~ 1.999 mm P-P
- * Accuracy : $\pm 5\%H \pm 2$ dgts
- * Vibration pickup : Piezoelectric ceramic
- * Operating temperature range : 0 ~ 40°C
- * Operating humidity range : 30 ~ 90%RH
- * LCD display : 3.5 digits display
- * Single output : 1S
- * Static output : AC output 2V peak
- * Stand-by current : $<15\mu A$
- * Operating current : $\leq 25mA$
- * Battery life : 20 H continuous use
- * Power Supply : 9V battery
- * Dimension : 70 x 30 x 150 mm
- * Weight : 137 gm (not including battery)
- * Accessories : 9V Battery, Manual, Probe & Carrying Case.

NEW

Preliminary Data

Note: All Specification are Subject to change without prior notice.