



### Portable Handheld Vibration Meter

The level of vibration is a useful guide to the balance, alignment and general condition of pumps, motors, and other machinery. Poor balance, misalignment and looseness results in higher levels of vibration and indicates maintenance is required for operational as well as safety reasons. Measures velocity and acceleration. The large display indicates RMS, Peak, min/max, hold, and low battery. Features an auto power off. Comes ready to use in a foam-lined, hard-shell carrying case, with a detachable strongly magnetic probe, 9V battery and instructions.

METER DIM: 7" x 3" x 1½" (180 x 76 x 38 mm).

WEIGHT WITH BATTERY: 10 oz (230 g).

PROBE CORD: 49" (125 cm).

PROBE DIA: 19 mm.

WEIGHT PROBE WITH MAGNETIC BASE: 2 oz (50 g).

| No.    | Description                      |
|--------|----------------------------------|
| 840063 | Vibration Meter                  |
| 840094 | RS232 to USB Adaptor Cable       |
| 840090 | Water Resistant Instrument Pouch |



| Acceleration                | Range                         | Resolution           | Accuracy            |
|-----------------------------|-------------------------------|----------------------|---------------------|
| m/s <sup>2</sup>            | 0.5 to 199.9 m/s <sup>2</sup> | 0.1 m/s <sup>2</sup> | ±(5 % +2 d) reading |
| g @ 1 g=9.8m/s <sup>2</sup> | 0.05 to 20.39 g               | 0.01 g               | ±(5 % +2 d) reading |
| ft/s <sup>2</sup>           | 2 to 656 ft/s <sup>2</sup>    | 1 ft/s <sup>2</sup>  | ±(5 % +2 d) reading |
| Velocity                    |                               |                      |                     |
| mm/s                        | 0.5 to 199.99 mm/s            | 0.1 mm/s             | ±(5 % +2 d) reading |
| cm/s                        | 0.05 to 19.99 cm/s            | 0.01cm/s             | ±(5 % +2 d) reading |
| inch/s                      | 0.02 to 7.87 inch/s           | 0.01 inch/s          | ±(5 % +2 d) reading |
| Frequency                   |                               |                      |                     |
| Hz                          | 10Hz to 1KHz                  |                      |                     |