

## **653 SERIES VIBRATION METER AND BEARING TESTER DESCRIPTION**

The 653 Series, 653A, Benchtop Style, and 653CS, Clipboard Style, Vibration Meter and Bearing Testers allow you to monitor the health of your rotating equipment by measuring the vibration level and comparing it to acceptable norms, and monitoring vibration changes in a particular machine over time. Providing vibration readings in displacement, mils, velocity, in/sec, and acceleration, g, the 653 Series is compatible with a wide range of equipment from low-speed machinery, such as cooling towers, to high-speed equipment like machining spindles. In addition, a special bearing function is included which focuses on the high-frequency signals generated by bearing defects and filters out the larger low-frequency signals from common machine problems, such as imbalance and misalignment. This allows you to find bearing problems early enough to schedule replacement before they fail. These lightweight meters are available in a standard benchtop style with carrying case and shoulder strap, as well as a clipboard style for easy recording of your vibration readings. Both styles are powered by rechargeable batteries for up to 40 hours of continuous use.