An entirely new approach to troubleshooting mechanical problems

The Fluke 810 Vibration Tester offers a three-step approach to mechanical testing:

• **Set-up:** Enter basic information about the unit under test—motor type, drive components, output machinery, etc.

• **Measure:** Quickly take detailed vibration measurements for immediate analysis, or perform long-term data collection.

• **Diagnose:** With the press of a button, the Fluke 810 identifies the root cause, its location and the problem's severity.

The Fluke 810's diagnostic technology combines powerful algorithms with a database of real-world measurement experience, making the Fluke 810 the most advanced troubleshooting tool for mechanical maintenance teams.

Faults are identified by comparing the vibration data from your machine to an extensive set of rules gathered through real-world maintenance experience with similar machines. Unlike other complex vibration analyzers, the Fluke 810 doesn't require you to collect information over time and compare it to an established baseline. The unique diagnostic technology determines fault severity by simulating a fault-free condition and then instantly compares the incoming data. This means every measurement is compared to a “like new” machine.

With good setup data the 810 Vibration Tester provides highly accurate information on bearing wear, imbalance, misalignment and looseness. With the Fluke 810 you can take immediate repair actions based on your test results.

**Field tested, with proven payoff**

Fluke redefines mechanical troubleshooting with the revolutionary Fluke 810 Vibration Tester, the most advanced troubleshooting tool for mechanical maintenance teams who need answers now. The technology driving the 810 Vibration Tester has been proven by more than 30 years of field use, maintaining the huge variety of machinery found in the aircraft carriers of the U.S. Navy.

The 810 Vibration Tester offers provable, sustainable return on investment. There is minimal upfront investment with a positive pay off only months from setup.