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FOR IMMEDIATE RELEASE

Announcing . . . . . ResTrak version 4.0
Resonance Dwell & Tracking System

Cincinnati, Ohio Signalysis President, Neil Coleman, announces the release of ResTrak version 4.0, a resonance dwell & tracking system used to perform cycles to failure and other component vibration tests.

ResTrak has uses for R & D Departments as well as for production lines and manufacturers in the industrial, automotive and aerospace industries. ResTrak can be utilized in many applications for developing material fatigue properties, material and geometric design selection, surface finish, product durability, production lot sampling and environmental vibration testing.

ResTrak allows manufacturers the ability to validate the durability of their parts under controlled conditions in a laboratory. These processes benefit manufacturers of component parts that operate while subjected to vibration, such as reed valves found in compressors.

Features and Benefits

ResTrak is a Windows 98/NT software application used by manufacturers to perform component vibration tests. The program is completely Y2K compliant and has a consolidated, easy to navigate database.

Provides excitation and closed-loop control of sinusoidal vibration, including frequency sweep
Component FRF is processed, providing resonance frequency, phase angle and other parameters
Resonance sine dwell is controlled while maintaining a specified level of displacement
All Failure criteria determined by user
Resonance Dwell report automatically displayed and saved once failure criteria is met
Weibull analysis available for statistical analysis of specimen cycles to failure

Promotes the quality and reliability of products
Guarantees conformance to standards for product lines
Provides a quantitative measurement for competitive comparisons
Rate the quality of raw materials provided by vendors

ResTrak is available from Signalysis, Inc. 431 Ohio Pike, Suite 182 South, Cincinnati, OH 45255