



VIBRATION MONITORING SYSTEM
VTRACTM

Continuous Vibration Monitoring System

Minimize Unplanned Equipment Shutdowns





To minimize equipment downtime and reduce costly compressor rebuilds, GEA FES, Inc. now offers the VTrac™ continuous vibration monitoring system for your industrial refrigeration compressor package.

The VTrac™ system consists of two vibration sensors on the compressor and two on the motor. These accelerometers are wired to a very compact plug-in module that is located in the control panel. These sensors not only monitor the bearings, but they also monitor for unbalance, motor rotor bars and 2x line frequency problems. The VTrac™ is especially designed for use with the GForce™ microprocessor control. For non-FES control panels and compressors, contact the FES sales group at sales.fes@geagroup.com.



Key Features of the VTrac™ System When Integrated with the GForce™ Microprocessor Control Panel

1. VTrac™ can trend vibration amplitudes over a programmed time period.
2. Monitored damage frequency bar graphs can be easily read and understood.
3. The system can display the vibration spectrum with fault frequencies, if required.
4. Damage level displays can be selected by a single sensor point or using all sensors.
5. Two alarm levels for each category; User defined whether at shutdown or alarm mode.

