



Predictive
Technology

Analysis & Testing Solutions for Motor Repair Shops

***Increase Efficiency
and Profitability***

www.GTIPREDICTIVE.com



Why Use GTI Predictive's Solutions?

- Easy to use
- Saves time, increases efficiency
- Instant data-rich, precise reporting for you and your customers directly from your test stand
- Testing documentation and certification
- Get new life out of old balancing equipment

You want to stay focused on repairing motors and keeping your customers satisfied. It's what you do. We want to help you achieve that goal. That's why GTI Predictive delivers proven solutions to help you increase efficiency, profits and allow you to remain competitive. Face it. The steep price tags for new testing systems are out of control, if not completely prohibitive.

How about some good news? Our vibration and balancing solutions are designed to easily retrofit onto most existing soft bearing systems. This is just one of many features and benefits that our full suite of solutions delivers.

Simply put: GTI Predictive systems will allow you to operate at a level never experienced before. With accurate, multi-faceted real time data and apps loaded with the features you need, you'll wonder how you ever did without them.

Let's explore the tools that will help improve your business...



VibePro 7 & 8 - Vibration Analyzers

VibePro is a powerful machine vibration analyzer app for iPad/iOS. Coupled with GTI sensor equipment, it can be an invaluable tool for measuring vibration and health of a wide variety of machine parts including motors, bearings, spindles, shaft imbalance, gears, belt wear and more. The app can be used for single readings or full vibration analysis routes, documenting trends along the way. Route data can be processed directly in VibePro, GTI's web app or other platforms available for Windows and MacOS.

FEATURE HIGHLIGHTS

- Real Time Spectrum Analysis
- Single measurement reports with easy email sharing
- Recorded readings for post processing
- Routes have never been easier with VibePro.
- Import and export routes via GTI Cloud, Files app, email and other options
- Automatic and manual markers on the spectrum
- Set RPM and bearing markers with multiples
- Full FFT Signature graph from 0 to 20kHz or 0 to 1.2 million CPM
- TWF collection and on-screen analysis
- FFT in Acceleration and integrated FFT in Velocity and Displacement (available on iPad and VibePro Online)
- TWF and Spectrum in same view
- High-frequency impact demodulation (available on iPad and VibePro Online)
- Selection of sample rate (Fmax) and number of samples (lines of resolution)
- Additional windowing options: hemming, hamming and blackman
- Circular TWF plots for gearbox analysis
- Waterfall plot for selected measurements





BalancePro - Field Balancing App

BalancePro for Field Balancing is an iPad/iOS app designed for easily balancing one and two-plane rotating machinery. By connecting to the GTI acceleration measurement system and tach, the app utilizes vibration amplitude and phase signal to automatically calculate correction balancing weights and their angular position. Balance jobs may be stored and loaded for later use. The simple elegance of the app allows users of any experience level to achieve professional results.

BALANCING OPTIONS

- Single Plane Inbound Balancing using vector method
- Single Plane Overhung Balancing using vector method
- Two-Plane Inbound Balancing using influence coefficient method
- Two-Plane Overhung Balancing
- Residual Imbalance Test
- Single Plane Balancing using 4-runs method

FEATURES

- Manual data entry and direct data acquisition
- Real-time spectrum popover
- Real-time polar plot and auto amplitude adjust for all vectors
- Threshold auto area display in polar plot
- Remove material (drill) popover
- Data and settings are stored instantaneously
- Clockwise and counter-clockwise shaft rotation selector
- Metric and imperial Units
- Vibration amplitude in ips, mm/s and mils
- Report with company logo, asset photo (with markup ability), map, machine ID, company name, technician name, notes, spectrum, original and final balance data
- Full FFT spectrum up to 1,200,000 CPM (20,000 Hz) and resolution up to 0.33 Hz
- Vibration Spectrum (300 - 600,000 RPM)

VibeRMS

Asset Documentation and Certification

VibeRMS is a vibration meter app with machine certification features. Unique to VibeRMS is the build your own machine mode; which allows creation of an entire library of custom machines with custom names and measuring points. VibeRMS is a truly custom app; capable of providing detailed reports for any machine type.



ThermoPro Kit with FLIR One Pro for iPad

Manage Thermal images

ThermoPro is an app for managing thermal images from the FLIR ONE™ camera. The app features a full hierarchical database for tracking points of interest over time. Create instant reports that include the thermal image, GPS location, non-thermal picture of asset, notes, and signature. Thermal images can be drawn over and annotated in reports to point out problem hot spots. Tap anywhere on captured images to determine temperature at a given spot.



Laser Alignment System

Comprehensive and Intuitive Shaft Alignment

The GTI shaft alignment tool provides high measurement flexibility and performance suitable for entry-level to expert alignment jobs. Designed to work with the GTI shaft alignment apps on a tablet or smart phone, this intuitive tool is easy to use and requires no special training.



**To learn more about any of our solutions,
give us a call today at 888.473.9675 or
visit us at www.GTIPREDICTIVE.com!**



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