EMCAT PRO® Software

NEW Version of Motor Circuit Analysis Software for Predictive Maintenance, Troubleshooting and Condition Monitoring Of Electric Motors, Generators and Transformers

EMCAT PRO® software provides total de-energized Motor System Maintenance and Management for your organization.The software integrates seamlessly with the ALL-TEST IV PRO™ Motor Circuit Analyzer and data collector to create a complete PdM tool incorporating route, work order management and extensive diagnostics.

The software is based on input from our industrial users and service organizations, and is a powerful tool for tracking, scheduling and maintaining records of AC/DC electric motors and transformers. It provides an easy to use Motor Maintenance and Management System for your organization whether you are a service company or an in-house maintenance department. EMCAT PRO® integrates seamlessly with the ALL-TEST IV PRO™ Motor Circuit Analyzer and data collector to create a complete PdM tool incorporating route, work order management and extensive diagnostics.
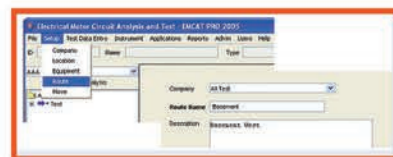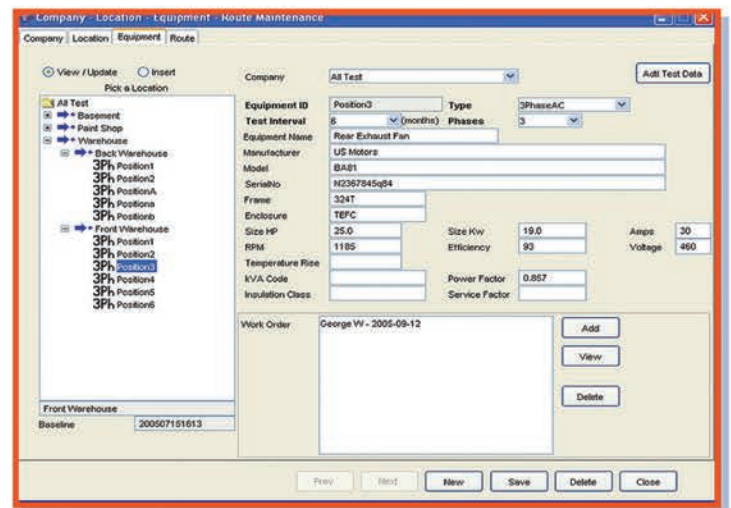
EMCAT PRO® is also available for multiple user applications. EMCAT PRO® Enterprise software allows for concurrent users to share a single database. This enables multiple technicians to easily share motor and transformer testing analysis findings throughout the company.

Comprehensive Database

At the heart of EMCAT PRO® is a database where you collect and organize nameplate information from all of your motors and transformers. For a manufacturing site, records can be grouped by building and/or process. For a service organization, records can be grouped by customer name and location. It is designed to readily support both in-house and contract service organizations. EMCAT PRO has the fields and flexibility you need to clearly identify any motor, device or customer.

Route Management and Maintenance Scheduling

For predictive maintenance and condition monitoring, EMCAT PRO® lets you create "routes" of devices for scheduled testing. Work orders can be printed,and motor data can be downloaded to and from the ALL-TEST IV PRO™.

Diagnostics and Trending

Built-in diagnostic algorithms take the guesswork out of interpreting test results. Separate profiles are provided for AC motors, DC motors and Transformers. Evaluation of rotor test data is also built in; a unique Rotor Grading System (RGS) gives a diagnosis and "grades" the rotor. All measurements, including rotor grades, can be trended for predictive maintenance.

Collect all your Data in One Program

EMCAT PRO® provides fields to record test data from other PdM technologies including Vibration, IR, Current Signature, P.I., Ultrasound, and High Potential test results. Evaluate all aspects of machine health from within a single program!

Extensive and Flexible Reporting

Standard reports include:
- Detailed test reports and trend reports for individual devices
- List of equipment to be reviewed as indicated by previous tests
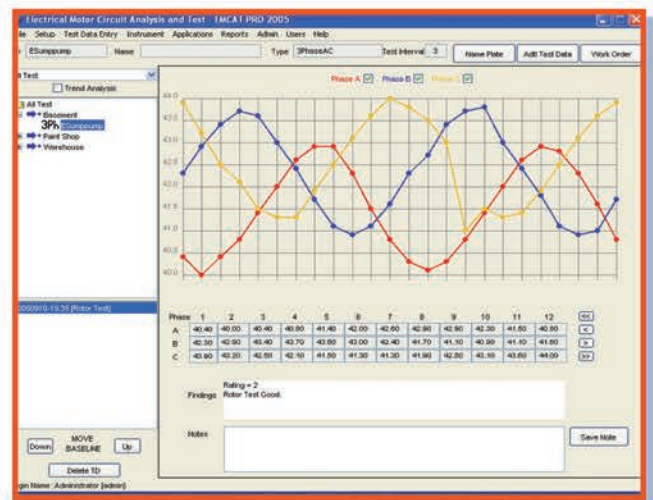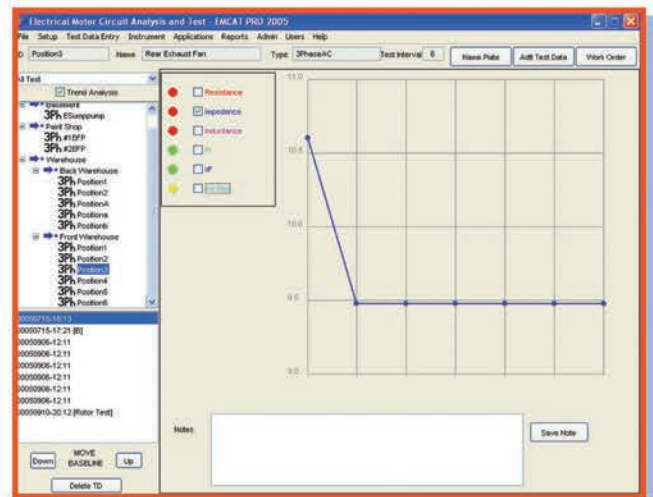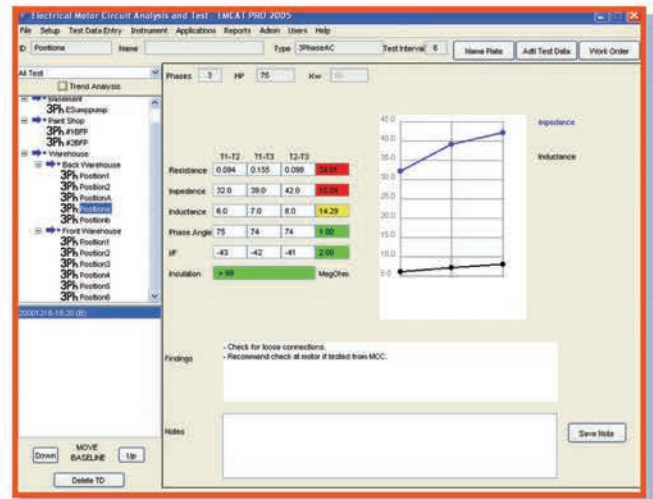- Past-due maintenance items

Interface with Your CMMS

You may already have a CMMS that handles scheduling and work orders. We've incorporated a module within EMCAT PRO® that allows data to be shared. We can also customize the program to integrate with your in-house system. Contact the factory for details.

System Requirements

- Windows XP, Vista, or Windows 7 (64 Bit)
- Pentium computer or equivalent
- 256 MB RAM
- 15 inch screen on laptop or 17 inch screen on PC
- 1024 x 768 resolution, minimum Color or B&W printer for reports
- RS-232 port or adaptor (for communication with ATIV™)
- USB port for EMCAT PRO® security key

> Learn more about how EMCAT PRO® can help you improve your plant performance. Email us at sales@alltestpro.com for a quotation to upgrade or purchase new. We will also be happy to send you a demo disk or arrange for a free demonstration over the web.

Specifications are subject to change without notice.

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