



ALL-TEST Pro, LLC

The ideal instruments for troubleshooting, quality control and predictive maintenance of electric motors, transformers and generators.

ALL-TEST Pro, LLC provides the most advanced predictive maintenance testing and troubleshooting tools for AC and DC motors, coils, windings, transformers, generators and more to a wide range of industries worldwide. With a full line of testing instruments, software, accessories and training programs, ALL-TEST Pro has the tools you need to perform advanced non-destructive motor testing and analysis for both de-energized motor circuit analysis and energized electrical signature and power analysis.

Several of our easy-to-use models include intuitive integrated software, enabling users to perform testing and report on equipment trending and analysis with a single hand-held instrument. Models for de-energized motors provide early detection of internal winding faults for predictive maintenance, quality control and troubleshooting. Energized motor testing models provide immediate information about incoming power and mechanical and electrical health, as well as analysis of the driven load. Built-in memory allows for storage of test data for reference.



Most instruments come standard with software for data upload to a PC for printing, further analysis, cross-referencing and routing, as well as creating a history of any problems and solutions. Software is offered for multi-users. The extensive capabilities of the instruments, coupled with dependable post-sale training and technical support, ensure improved productivity, reduced downtime and a rapid return on investment.

Earn CEU Credits Through Electrical Reliability Training

ALL-TEST Pro's premier motor diagnostic training is designed to:

Improve Operation • Reduce Downtime • Minimize Failures • Increase Profits • Deliver ROI

De-Energized Testing Course:
Motor Circuit Analysis (MCA™)
Insulation Resistance to Ground (IRG)
Winding Condition

Energized Testing Course:
Electrical Signature Analysis (ESA)
Machinery Vibration Analysis (MVA)
Power Quality Analysis (PQA)

For more information on ALL-TEST Pro's Diagnostic Training Workshops, contact us at:
Phone: 860-399-4222 • Email: ce@alltestpro.com • www.alltestpro.com/training

Ask about our on-site training courses customized for your facility!

www.alltestpro.com

AT^{PRO} Motor Testers

STOP Guessing
ALL-TEST Pro's line of instruments can give you a return on investment after the first diagnosis.



AT31™ De-energized

- Locates winding faults such as turn to turn and coil to coil, along with grounded windings
- Rotor test helps detect problems such as broken rotor bars and eccentricity
- Measures impedance (Z), phase angle (Fi), current/frequency response (I/F), and insulation to ground resistance (500V or 1000V and measure to 500 meg-ohm)
- Performs a quick pass/fail rotor test



AT33 IND™ De-energized

- Perfect for troubleshooting and inspection of incoming or stored motors prior to installation or repair
- Displays complete condition of stator windings, rotor and connections
- Quick test comparison between first and last test in only minutes
- Offers complete picture of motor condition without having to stress-test the windings or use other more expensive or elaborate instruments
- Motor health trending tests offer historical testing data comparison at a glance



MOTOR GENIE™ De-energized

- Locates winding faults such as turn to turn and coil to coil, along with grounded windings
- Measures impedance (Z), phase angle (Fi), current/frequency response (I/F), and insulation to ground resistance, (500V or 1000V and measure to 500 meg-ohm)
- The perfect tool for trouble shooting, start-up & quality control of low voltage AC Induction motors



ATIV™ De-energized

- Detects potential winding faults in AC and DC motors, transformers, generators, alternators, and other winding devices for PdM trending
- Rotor testing for issues such as eccentricity, broken/fractured rotor bars, and casting voids
- Measures resistance, impedance, inductance, phase angle, current frequency response, plus insulation to ground tests (500V and 1000V)



AT5™ De-energized

- Detect faults in all motors and types, including transformers and generators
 - Auto diagnosis within instrument – immediate health status report
 - Route-based testing and trending – ideal for predictive maintenance
 - Tests can be performed from distances of over 1,000 feet away
- Finally! Predictive Maintenance Made VERY Easy!



ATPOL II™ Energized

- Two complete instruments in one: a Power Quality Analyzer (PQ) and Electric Signature Analyzer (ESA)
- PQ mode used for energy data logging, harmonic analysis, voltage and current charting, viewing and capturing waveforms, including sags and swells, transient capture and event capture
- ESA mode evaluates the condition of incoming power, the control circuit, the motor itself, and the driven load
- Results can be trended for condition based maintenance / predictive maintenance purposes



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Contact us today to learn how our line of electric motor testing equipment will revolutionize your motor testing capabilities!

www.alltestpro.com