

ALL-TEST PRO 7™
MOTOR CIRCUIT ANALYSIS™ (MCA™)
MOTOR TEST INSTRUMENT



Get the motor health data you need to make a quick and informed decision.

- Motor Circuit Analysis MCA™
- Patented Test Value Static™ (TVS™)
- Patented Dynamic Stator and Rotor Signatures
- MCA Basic™ Software

Analyzes **complete stator and rotor electrical health** in AC induction and synchronous motors and generators.

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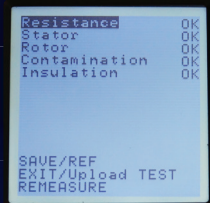


WHY TEST MOTORS? BECAUSE MOTORS FAIL

Not all winding faults start as ground faults. Instead, they can start as a weakness in the winding insulation system that may eventually fault to ground when the motor stops running.

Motor testing is integral to the success and efficiency of your business. ALL-TEST Pro instruments ensure that testing your motor is safe, easy, and dependable.

The ALL-TEST PRO 7™ uses our proven, patented technology to look beyond vibration, temperature, and ultrasound test methods - giving you instant answers on your motor's health.



Onscreen prompts step you through the testing process - **no user manual needed**. In just a few minutes, anyone can learn to use it.

AT7™



Tests Take Less Than 3 Minutes

Analyze complete stator and rotor electrical health in AC induction & synchronous motors.



Predict Faults Before They Happen

Detects faults at their earliest stages before motor failure, including deteriorating or contaminated insulation, as well as “deep” winding faults.



Perform Tests Anytime, Anywhere

With unmatched portability, ease of use, and safety features, the AT7™ enables technicians to evaluate equipment in the field, on the shop floor, or at a service facility.



Maximize Productivity & ROI

Finding just one fault using the AT7™ can save your organization countless hours of downtime and provide thousands of dollars in savings.

LEARN MORE AT ALLTESTPRO.COM

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Significantly Increase
Your Plant's Profitability
with the ALL-TEST PRO 7™.



Tests **all types of AC motors** (any voltage) including induction, synchronous, and single phase motors. The electrical health of all motor components is evaluated, including stator windings and rotor; associated connections and cables.

PATENTED TECHNOLOGY

Motor Circuit Analysis (MCA)™

Rapid evaluation of the entire motor circuit. A deenergized non-destructive test method to assess the health of a motor from the Motor Control Center (MCC) or directly at the motor. Immediate and complete information on the status of the Stator, Rotor, Connections, Contamination, and Insulation to ground.

Patented Dynamic Stator and Rotor Signatures™

Used to evaluate the condition of the stator and squirrel-cage rotor in a single test. Perfect for testing new and repaired motors prior to acceptance.

Patented Test Value Static (TVS)™

TVS™ is a sum calculated from the 3-phase MCA™ static test and is used as a reference value for the motor. Common types of faults in the rotor and stator windings will change TVS™.

OBTAIN RETURN ON INVESTMENT *IN WEEKS (OR DAYS)*

Test newly installed motors to ensure proper installation and prevent startup failure.

Test motor spares to ensure they are in good condition and ready for service.

Troubleshoot motors that have quit running by testing from the MCC or at the motor.

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EASY TO USE SOFTWARE

MCA Basic™ Software for Predictive Maintenance, Troubleshooting, and Quality Control of Electric Motors

- Easily organizes and manages motors and test records.
- Allows you to create complete databases for plant and motor nameplate data.
- Provides trending and diagnostics for AC motors.
- Test and trend analysis reports.

The ALL-TEST PRO 7™ includes:

- 3x Test Leads with heavy duty Kelvin Clips and push-pull connectors
- 1x Test Lead with 4mm safety plug and MC “Dolphin” clip
- Charging adapter, Universal input type 100-240VAC, output 9VDC @ 1.7A
- MCA Basic™ Software download certificate
- 1x USB cable 1m
- Durable and rugged hard case with pre-cut foam liner
- User Manual
- Warranty: 1 year limited; Optional 2 years available with calibration



REPRESENTED BY

The ALL-TEST Pro Promise

ALL-TEST Pro delivers on **the promise of true predictive maintenance and troubleshooting**, with innovative diagnostic tools, software, and support that enable you to keep your business running. We ensure the reliability of motors in the field and help to maximize the productivity of maintenance teams everywhere, backing every ALL-TEST Pro product with unmatched motor testing expertise.

ALL-TEST Pro

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LEARN MORE AT ALLTESTPRO.COM

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Version 1 - Specifications are subject to change without notice.