

# ALL-TEST PRO 34 EV™

DEENERGIZED TESTING INSTRUMENT  
ELECTRIC VEHICLE MOTOR TESTER



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

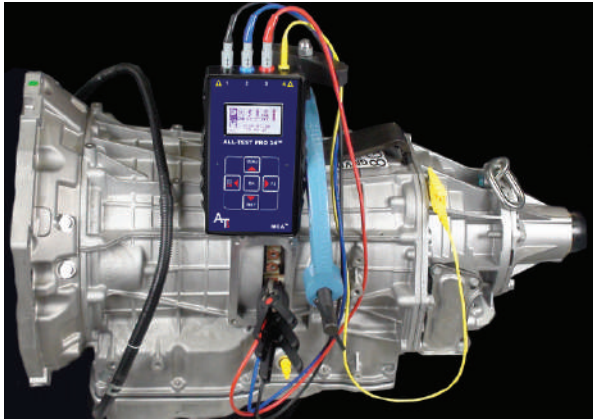


- Patented Test Value Static™ (TVS™) & (MCA™) Motor Circuit Analysis™
- Predict Faults Before They Happen
- Test the Motor Without Removing From Vehicle
- Trend Customers Vehicles

The ALL-TEST PRO 34 EV™ instrument is the ONLY TOOL made for testing the special permanent magnet motors and motor/generators used in electric & hybrid vehicles.

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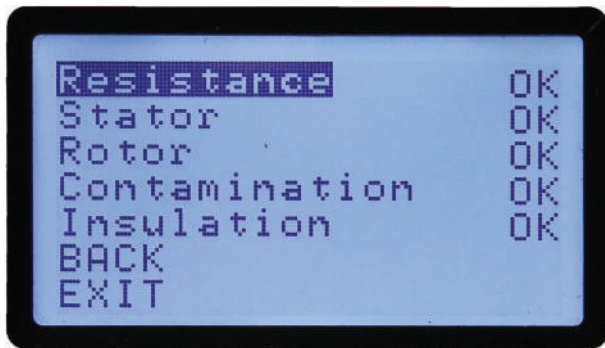
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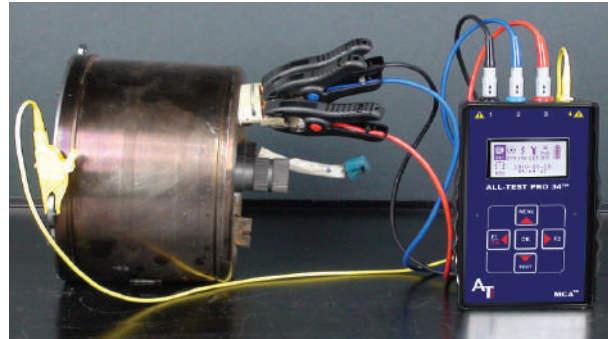
The AT34™ can be used stand alone or with software. Trend early changes in the motor's electrical condition and motor life.



Troubleshoot suspect motors and know immediately if the problem is in the stator, rotor, or connections.



The AT34 EV™ Dynamic Test analyzes the results for you by showing **Bad, Warning or OK** for Resistance, Stator, Rotor, Contamination, and Insulation.



Testing a used EV motor allows for proper evaluation before replacement.

## 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 any convenient point in the vehicle 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 permanent magnet rotor in a single test. Perfect for testing vehicle motors in use, and 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 to trend and track motor health. Common types of faults in the rotor and stator windings will change TVS™.

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