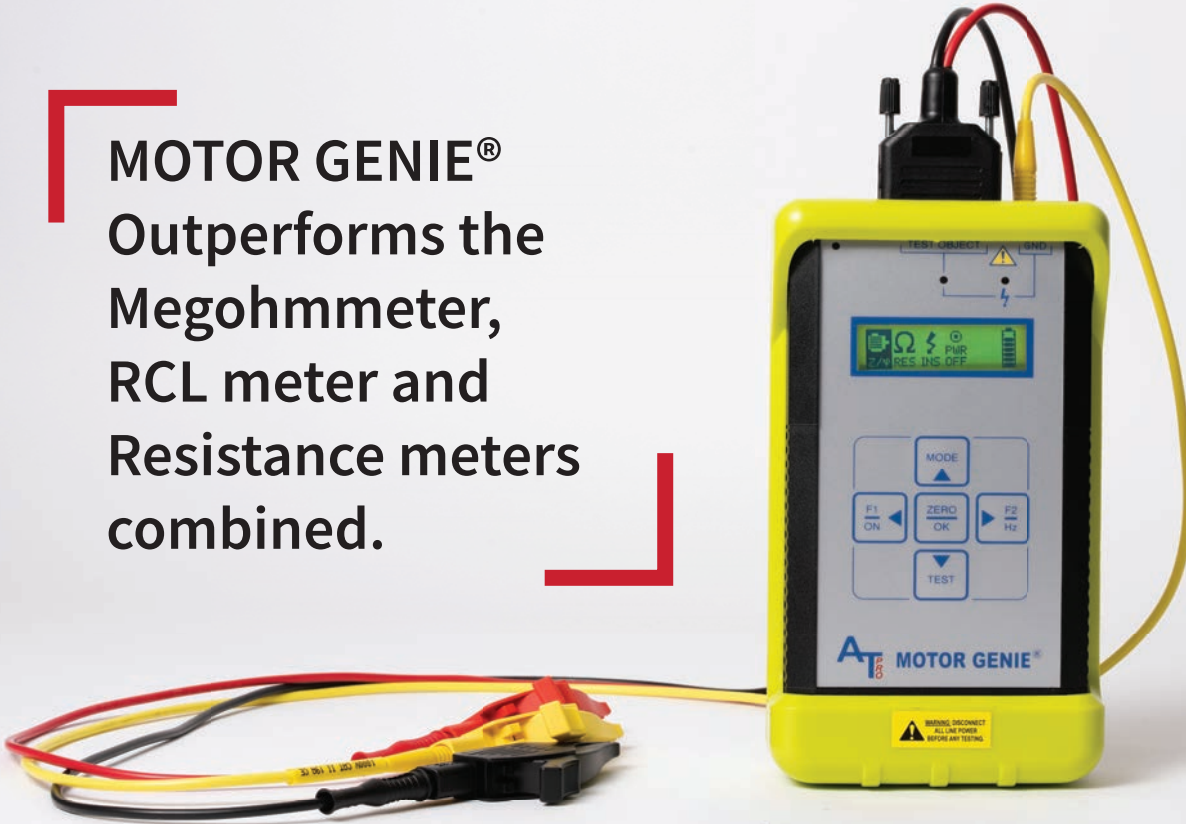


MOTOR GENIE®
Outperforms the
Megohmmeter,
RCL meter and
Resistance meters
combined.



AT ALL-TEST PRO MOTOR GENIE® Condition Calculator™ - Report Oct 17, 2019, 2:03 PM

Motor ID: 1286A
Test Date: Oct 17, 2019, 2:03 PM

	T1-T2	T1-T3	T2-T3	Conclusion
Resistance:	1.13	1.13	1.14	0.59
Impedance:	184	184	183	0.36
I/F:	-47	-44	-47	3.0
Phase Angle:	85.4	85.4	85.2	0.2
Phase Balance:	N/A	N/A	N/A	N/A
Insulation:	500 MegOhm			
Test Volt:	500V			
Test Freq:	200			
Rotor Comp:	Yes			
Direct Test:	Yes			

- ❌ Bad motors can pass a megohm test
- ❌ Megohmmeter & RCL meters take measurements, they do not analyze motor condition
- ❌ Old motor testing technology gives incomplete answers
- ✅ MCA™ Technology
- ✅ One tool - motor analyzer

The MOTOR GENIE® can see more than a megohmmeter, resistance tester, or RCL tester, making it the perfect tool for troubleshooting, startup, and quality control of low voltage AC induction motors.

Electrical Motor Testing*

	Ground Faults	Internal Winding Faults**	Open Connection	Contamination
MOTOR GENIE®	YES	YES	YES	YES
Meg-Ohm-Meter	YES	NO	NO	YES
Volt/Ohm Meter	NO	NO	YES	NO

The MOTOR GENIE® measures impedance (Z), phase to phase resistance (R), phase angle (Φ), current/frequency response (I/F), and insulation-to-ground resistance (500V or 1000V and measure to 500 megohm).

*Common electrical testing Instruments **Winding coil faults: turn-to-turn & coil-to-coil

- Megohm insulation testing will only detect faults to ground. The majority of faults will go undetected using this method alone.
- RCL meters can detect some faults, but doesn't identify a motor with a developing winding fault.

The MOTOR GENIE® includes:

- MOTOR GENIE®
- Test Harness with clips
- AC charges (115/230V)
- Protective glove
- User manual
- Warranty: 1 year limited
- Optional accessories: MOTOR GENIE® App and soft carrying pouch



The MOTOR GENIE® App is FREE. The App quickly analyzes the MOTOR GENIE® measurements. Green, Red and Yellow (Good, Bad, Warn) gives instant motor answers. Software includes PDF, printable report.

App available for download on the App Store and Google Play.

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.

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