

ATP Comparison Chart		Basic Motor Testing	Professional Motor Testing		
Applications		MG	AT34	AT7	AT7P
Incoming Inspection (QA)		YES	YES	YES	YES
Commissioning		YES	YES	YES	YES
Troubleshooting		YES	YES	YES	YES
Predictive Maintenance		NO	YES	YES	YES
Motor Types					
Single Phase AC Induction (<1kV) manual test		YES	YES	YES	YES
Single Phase AC Induction (<1kV) auto-test		NO	NO	YES	YES
3 Phase AC Induction-Squirrel cage rotor (<1kV) manual test		YES	YES	YES	YES
3 Phase AC Induction-Squirrel cage rotor (<1kV) auto-test		NO	YES	YES	YES
AC Induction-Squirrel cage rotor (>1kV)		NO	NO	YES	YES
AC Induction wound rotor (<1kV) manual test		**	YES	YES	YES
AC Induction wound rotor (<1kV) auto-test		NO	NO	YES	YES
AC Induction wound rotor (>1kV)		NO	NO	YES	YES
AC Synchronous (<1kV) manual test		**	YES	YES	YES
AC Synchronous (<1kV) auto-test		NO	NO	YES	YES
AC Synchronous (>1kV)		NO	NO	YES	YES
Generators		NO	NO	YES	YES
DC Motors		NO	NO	NO	YES
Transformers		NO	NO	NO	YES
Product Test Features					
Storing Test Records in Internal Memory		NO	YES	YES	YES
Transfer data electronically from Internal Memory		NO	YES	YES	YES
View Analysis Results on Screen (Ok, Warn, Bad)		NO	YES	YES	YES
Test Value Static (TVS) & TVS REF		NO	YES	YES	YES
Phase Resistance Test		YES	YES	YES	YES
Connection Faults Internal/External		YES	YES	YES	YES
Kelvin Bridge- 4-wire type		NO	YES	YES	YES
Automatic Signal Frequency Selection		NO	YES	YES	YES
Detects Winding Faults (turn-to-turn, coil-to-coil)		YES	YES	YES	YES
Detects Rotor Faults		NO	YES	YES	YES
Contamination		YES	YES	YES	YES
Dissipation Factor		NO	YES	YES	YES
Insulation to Ground test		YES	YES	YES	YES

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Signature Features		MG	AT34	AT7	AT7P
Computer Software		NO	YES	YES	YES
Software Included With Instrument Purchase		NO	YES	YES	YES
Mobile App		YES	NO	NO	NO
Optional Software for Analysis, Trending, and Reporting for DC motors, Transformers, and AC rotor grading		NO	NO	Upgradeable	Std
Enterprise Version of computer software		NO	YES	***	YES
Trending		NO	YES	YES	YES
Notes Field Edit		YES	YES	YES	YES
Reports		YES	YES	YES	YES
Software					
Equipment Management/Tracking		NO	YES	YES	YES
Software Suites					
MCA Basic		NO	Std	Std	
MCA PRO		NO	Option	Option	Std
MCA PRO Enterprise		NO	Option	Option	Option
MOTOR GENIE App		YES	n/a	n/a	n/a
Condition Calculator			n/a	n/a	n/a
Options					
Extended Warranty		NO	YES	YES	YES
NIST Certificate of Calibration		YES	YES	YES	YES
ISO 17025 Accredited Calibration		NO	YES	YES	YES
See Through Carry Case (Clear Face to View LCD)		YES	YES	YES	YES
Demonstration/Training Motor With Shaft Strap		YES	YES	YES	YES
Universal Soft Carrying Case		YES	YES	YES	YES

* AT31- Limited testing range consult ATP

** Consult ATP

*** Single AT7 unit shall be upgraded to AT7 PRO