

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