

ITIG IV+

STATIC MOTOR TESTER WINDING ANALYZER 4kV • 6kV • 12kV • 15kV

MEASUREMENTS & TESTS

- Winding Resistance
- Capacitance, Inductance, Impedance, Phase Angle
- Insulation Resistance including DAR & PI
- DC Hipot including Step Voltage & Ramp tests
- High Repetition Rate Surge tests including Phase-to-Phase and Pulse-to-Pulse
- Partial Discharge including RPDIV & RPDEV

FEATURES

- Faster automatic testing.
- Easy-to-use interface.
- Lightweight.
- Big monitor.
- Reporting.
- Upgradable: Choose a model with all test options or only the options you need.

PREDICT MOTOR AND GENERATOR FAILURES

SCHEDULED MOTOR MAINTENANCE

Performed on a regular schedule, trending tests provide consistent data to use for scheduling maintenance. With iTIG IV+ testing and report generation, there is no need to risk unplanned downtime.



CUSTOMIZABLE:

Motor and generator test configurations for every industry, including motor repair and service, as well as wind energy generation, mining, utilities, oil & gas, pulp & paper, manufacturing, and defense.

FEATURE-BASED PRICING:

Models available for every application and budget.

PORTABLE:

Rugged carry case ideal for field testing applications in hard-to-reach spaces and remote locations.



iTIG IV+ SPECIFICATIONS



iTIG IV+ Dimensions

iTIG IV+ MODEL	DIMENSIONS INCHES WITHOUT LID	DIMENSIONS INCHES WITH LID	WEIGHT LBS WITH LID
iTIG IV+ 4kV	8.9 x 15.7 x 8.7	13.1 x 15.7 x 8.7	20
iTIG IV+ 6kV/12kV	11.2 x 17.0 x 8.7	15.4 x 17.0 x 8.7	28
iTIG IV+ 12kV PD	11.2 x 17.0 x 8.7	18.0 x 17.0 x 8.7	31
iTIG IV+ A/B 12H/15kV PD w/med lid	14.4 x 21.2 x 9.1	20.1 x 21.2 x 9.1	43
iTIG IV+ C/D 12H/15kV PD w/large lid	14.4 x 21.2 x 9.1	22.6 x 21.2 x 9.1	45

iTIG IV+ Key Features

FEATURE	A	B	C	D
Surge Test	●	●	●	●
DC Hipot Test	●	●	●	●
Insulation Resistance	●	●	●	●
Reporting		●	●	●
Winding Resistance in mΩ		●	●	●
Micro-ohm Winding Resistance			○	●
Capacitance/Inductance/Impedance		○	○	○
Advanced Multi-Coil (MC) Tests		○	○	●
Partial Discharge (PD)		○	○	○
Automatic IR & Hipot Tests			●	●
Single Lead-Set Testing for All Tests			●	●
Fully Automatic Test Sets				●
Production Line Test Automation				○

● Included with model.

○ Optional feature for model.

Optional features may be added later.

Fully automated testing is a standard feature of the iTIG IV+ Model D.

FULLY AUTOMATED TESTING CAPABILITY

Automated testing saves time and guarantees consistent test results. Do the same test the same way every time, regardless of operator by using pre-programmed test configurations and series of tests.



Above: iTIG Series IV+ lineup from left to right: 40kV, 30kV, 15kV, 6kV/12kV, and 4kV

Upper left: iTIG IV+ 12kV

Lower left: iTIG IV+ 4kV