

## STATIC MOTOR TESTER

## WINDING ANALYZER

4kV • 6kV • 12kV • 15kV

# ITIG IV+

## 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 CM WITHOUT LID	DIMENSIONS CM WITH LID	WEIGHT KG WITH LID
iTIG IV+ 4kV	22.6 x 39.9 x 22.1	33.3 x 39.9 x 22.1	9
iTIG IV+ 6/12kV	28.5 x 43.1 x 22.1	39.1 x 43.1 x 22.1	13
iTIG IV+ C/D 12kV PD	28.5 x 43.1 x 22.1	45.7 x 43.1 x 22.1	14
iTIG IV+ A/B 12H/15kV PD w/med lid	36.6 x 5.3 x 23.1	51.1 x 53.3 x 23.1	20
iTIG IV+ C/D 12H/15kV PD w/large lid	36.6 x 5.3 x 23.1	57.4 x 53.3 x 23.1	20

## iTIG IV+ Key Features

FEATURE	MODEL			
	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*