

iTIG II-HV

24KV - 40KV WINDING ANALYZERS

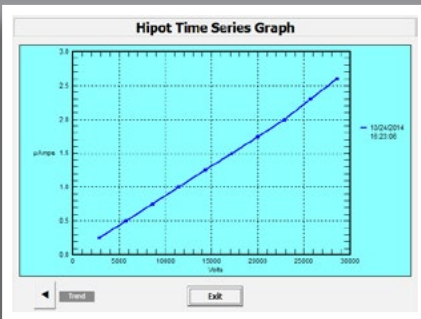
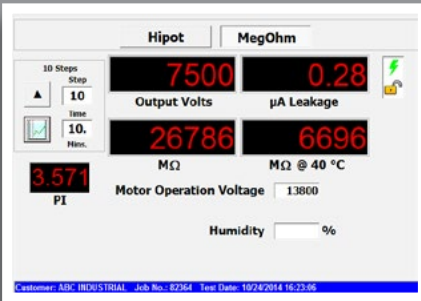
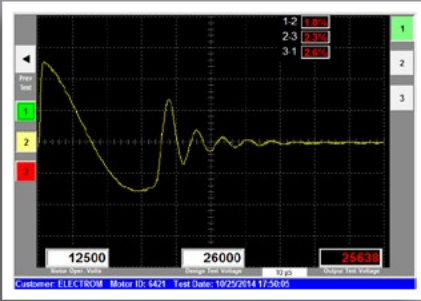
AUTOMATED HIGH VOLTAGE TESTS

The state of the art Electrom iTIG II High Voltage (HV) series provides a wide range of tests to analyze the condition of insulation systems in all types of motors, generators, windings and coils.

It comes in 4 models with a variety of options like the iTIG II 4kV to 12kV testers. The number and level of automated tests increase with the model. Each model has options for automated lead switching.

See general information in the iTIG II Motor Tester and Winding Analyzer brochure and detailed information on our website.





TESTS AVAILABLE

- ▶ High accuracy 4-wire Kelvin clamp resistance measurements
- ▶ Impedance measurements including inductance
- ▶ Insulation Resistance – Megohm/DAR/PI
- ▶ DC Hipot & Step Voltage Tests
- ▶ Surge comparison tests with automatic test evaluation
- ▶ Tests of assembled motors with rotor influence without the need to turn the rotor
- ▶ RIC - rotor influence check to find damaged squirrel cage rotor bars

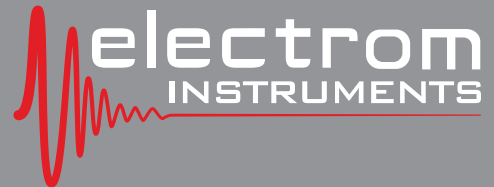
There are 4 models from A to D. Model A has meg, hipot and surge tests, is mostly manual and stores a limited number of surge waves.

Model D can be a fully automatic tester with automatic lead switching depending on the switching matrix option chosen.

OPTIONS & FEATURES:

Surge & DC Hipot Output Options & Other Features:

- ▶ 24kV, 30kV or 40kV
- ▶ 100nF discharge capacitance
- ▶ Automatic switching between surge and hipot
- ▶ High Voltage Output leads: 3 standard (HV output, return and frame ground)
- ▶ Kelvin clamp lead set for 4-wire resistance measurements
- ▶ Optional high voltage lead set with automatic lead switching matrix for meg, hipot and surge tests
- ▶ Optional high voltage lead set and switching matrix that includes micro Ohm winding resistance and allows a fully automatic sequence of tests from low resistance to surge without moving any leads.



CONTACT US TO DISCUSS YOUR APPLICATION

See our website for other products such as the popular 24-30kV 45J truly portable Power Pack.

