



PORTABLE SUBSTATION & TRANSFORMER TEST EQUIPMENT

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QUALITY TEST EQUIPMENT

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PORTABLE TEST EQUIPMENT FROM TETTEX RENOWNED FOR ACCURACY, DURABILITY, AND EASE OF OPERATION

For utility and service companies, electrical maintenance testing is crucial for promoting and maintaining safety. New construction acceptance testing and existing substation maintenance testing are primary factors in prolonging the life of your electrical equipment and the ongoing reliability of a utility's services to their customers. Routine testing of distribution, power, and instrument transformers, bushings, capacitors, circuit breakers, surge arrestors, etc. can be accomplished by using Haefely / Tettex's diverse line of portable test equipment.



2293 Winding Analyzer

The 2293 is an automatic and multipurpose winding analyzer, optimized for 3 phase power and distribution transformer measurements. It uniquely combines winding resistance measurement, turns ratio measurement, core demagnetization, transformer type detection, magnetic balance, and heat run test (temperature rise and cooling curve) in the fastest single instrument solution on the market.



MIDAS 2881

The MIDAS 2881 is a portable power factor tester for periodic maintenance and inspection of high voltage insulation losses of electrical apparatus, especially in the harsh electrical environments experienced in substations and other field locations. Designed for testing at local powerline frequency, the MIDAS automatically measures and records dissipation factor (tan delta), power factor, and all other relevant values of impedances. Damage or changes in the insulation material are detected rapidly and reliably. The 12 kV high voltage source and standard capacitor with long-term stability are built into the unit.



MIDAS micro 2883

The MIDAS micro 2883 is a revolutionary instrument used to test the insulation of high voltage components such as transformers, bushings, capacitors, circuit breakers, surge arrestors, etc. This is the smallest and lightest Power Factor / Tan Delta & Capacitance Tester on the market! Weighing at only 55 lbs and housed in a rugged case with casters, this tool can be easily transported to any testing location - whether in the field or on the factory floor. This unit packs a powerful punch with an integrated 12 kV high voltage source.



TTR 2796 Transformer Turns Ratio Meter

Transformer turns ratio can help to detect faulty transformer windings and defective tap changer positions. The fully automated 3 phase TTR 2796 has unmatched accuracy up to 0.03%. The higher test voltage of 250 V assures superior transformer excitation even on large power transformers. The automatic winding connection identification aids to find the correct transformer configuration.



FRA 5311 Sweep Frequency Response Analyzer

SFRA detects transformer winding movements and mechanical failures due to mechanical shock, transportation, or short circuits. The FRA 5311 is the smallest and lightest SFRA tester on the market with one single USB connection for data and power to a laptop. The unit includes a Windows based software with easy to use graphical interface and ability to read test results from other manufacturers of SFRA devices.



DDX 9160 Portable PD & RIV Detector

Lightweight, portable, and battery-operated PD & RIV detector. Fiberoptic cables provide galvanic isolation, ensuring the full safety of the operating personnel and increased measurement sensitivity. Together with the optional integrated measuring impedance, the DDX 9160 is ideal for on-site partial discharge measurements when an existing coupling capacitor is available or for power transformer PD measurements using the bushing tap method.





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