

Reactor Linearity Test System (RLTS) - A Systematic way to test magnetization characteristics of the reactor core

RLTS is a fully integrated test suite for testing of reactors up to 1000Amps. Following types of Reactors can be tested.

- Current Limiting Reactors
- Neutral Grounding Reactors
- Shunt Reactors
- Harmonic Filter Reactors
- Motor Starting Reactors
- Smoothing Reactors
- Line/Load Reactors

The RLTS suite consists of Test bench, Power control panel, Reactor Test Pro - an interface and reporting software, current sensor, oscilloscope & DC Source.

With RLTS, operator connects Reactor leads to the power control panel. Then he clicks to start the linearity test. RLTS then automatically conducts the test and signals completion on the screen. RLTS prints report along with graph.

Benefits of RLTS

- 1) Automated data acquisition ensures error free data logging and assists in carrying out statistical analysis of test results.
- 2) It allows users to easily store and retrieve data with simple but intuitive graphical user interface.

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