

Current and Potential Transformer Analyzer

This analyzer is designed for testing both current and potential transformers. It is capable of performing measurements such as ratio, polarity, and excitation current.



Overview

Comprehensive Transformer Analysis

This analyzer is a professional-grade testing device designed for both current and potential transformers. It streamlines on-site maintenance and quality assurance by offering a wide array of automated diagnostic tests, including excitation curves, ratio measurements, and polarity checks. Housed in a rugged, portable case, this instrument is built for reliable performance in demanding field environments.

Technical Capabilities

Current Transformer (CT) Tests

- Excitation curve and parameters test
- Turns ratio test
- Ratio and phase error test
- Polarity mark check
- Winding resistance measurement
- Secondary loop burden measurement
- Error line curve test for protection CT
- Transient CT parameters test
- CT nameplate guess
- Saturation hysteresis loop curve measurement

Potential Transformer (PT) Tests

- Turns ratio test
- Ratio error and phase angle error test
- Polarity test
- Secondary burden test
- Winding resistance test

Device Specifications

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| Power Input | AC 220V |
| Design Features | Rugged portable case, Digital display, Keypad interface, On-site testing ready |