

# Current and Potential Transformer Analyzer

This is a comprehensive testing instrument for current and potential transformers. It performs tests such as ratio, polarity, and excitation current measurements and includes safety features like over-current protection.



## Overview

### Comprehensive Transformer Analysis

This advanced analyzer is a professional-grade instrument designed for the comprehensive testing of both current and potential transformers. Built for field applications, it features a rugged, portable design and supports critical measurements including excitation curves, ratio errors, and winding resistance. With integrated safety protections and digital data connectivity, it provides an efficient solution for electrical maintenance and quality assurance.

## Technical Specifications

Power Input	AC 220V
Data Connectivity	USB
Design Features	Rugged Case, Portable, Digital Display, Over-current Protection

## Current Transformer Tests

### CT Testing Suite

- 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 Tests

### PT Testing Suite

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