

# Current and Potential Transformer Analyzer

This analyzer is designed for testing current and potential transformers. It features a user-friendly interface with a screen and keypad for easy operation and includes software-controlled shutdown procedures.



## Product Overview

### Comprehensive Transformer Analysis

This advanced Current and Potential Transformer Analyzer offers a complete suite of testing capabilities for power system maintenance and quality control. It supports a wide range of diagnostic functions including excitation curves, turns ratio, phase error, and coil resistance measurements for both CT and PT units. Designed for precision and reliability, this instrument ensures compliance with international testing standards in various field conditions.

## Standards & Compliance

### Compliance Standards

IEC60044-1, IEC60044-6, GB1208, GB16847, C57.13

## Key Performance Metrics

### Key Performance Metrics

**45 kV**

Max Knee Voltage

**300 VA**

Power Output

**1000 Groups**

Data Storage Capacity

## Technical Specifications

Power Supply	AC220V±10%, 50Hz/60Hz±10%
Current Output Range	0.001 - 5A (RMS)
Voltage Output Range	0.1 - 180V (AC)

## Measurement Ranges

### Measurement Capabilities

Parameter	Range	Max Resolution
Coil Resistance	0 - 8k $\Omega$	0.1m $\Omega$
CT Secondary Burden	0 - 160 $\Omega$	0.001 $\Omega$
PT Secondary Burden	0 - 80k $\Omega$	0.1 $\Omega$

### Turns Ratio Accuracy

- 1 - 2000: <0.05% error
- 2000 - 5000: >0.1% error
- 5000 - 35000: <0.2% error

## Environmental & Physical

Dimensions	485mm x 356mm x 183mm
Weight	15 kg
Operating Temperature	-10°C to 50°C