

# CT PT Analyzer

This analyzer is designed for testing current and potential transformers (CT/PT). It can automatically calculate error curves and perform volt-ampere characteristic, polarity, and transformation ratio tests.



## Product Overview

### Comprehensive Transformer Analysis

This advanced analyzer is designed for precise testing of current and potential transformers. It enables essential diagnostic procedures, including volt-ampere characteristic curve tests, polarity verification, and transformation ratio analysis. The system automatically calculates error curves for any CT point, ensuring high accuracy and reliability for power system diagnostics in both field and laboratory environments.

## Technical Specifications

### Performance Parameters

Component	Input Voltage	Output/Measure Scope	Accuracy
Main Engine (220V)	220V	0–600V, 0–20A	0.5%
Main Engine (380V)	380V	0–1000V, 0–20A	0.5%
Main Engine (Ratio)	220V	0–600A	1%
Ext. Voltage Raising (220V)	220V	0–1650V, 0–3A	0.5%
Ext. Voltage Raising (380V)	380V	0–2000V, 0–3A	0.5%
Ext. Current Raising	220V	0–1000A	1%
Ext. Voltage Adjustment	-	0–1000V, 0–30A	0.5%

## Physical and Power

Working Power	AC 220V/380V, 50Hz
Dimensions	420 × 330 × 320 mm
Weight	24 kg

## Key Features

Testing Capabilities	Volt-Ampere Characteristic Curve, Polarity Test, Transformation Ratio Test, Error Curve Calculation
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