High Voltage Circuit Breaker Analyzer

This high voltage circuit breaker analyzer is a precision instrument for comprehensive testing. It accurately measures timing, contact resistance, and dynamic performance with its multiple input/output channels.

Product Overview

High Voltage Circuit Breaker Analyzer

This precision instrument is designed for comprehensive testing and analysis of high voltage circuit breakers in both laboratory and field environments. It offers advanced capabilities including timing, contact resistance, dynamic performance, and vibration fingerprint analysis. Housed in a rugged, portable case, it features a 12.1-inch touch screen for intuitive control and data visualization, ensuring reliable testing for high voltage power systems.

Measurement Capabilities

Time Measurement Channels	12 channels
Key Testing Features	Closing/Opening Time, Contact Resistance, Dynamic Resistance, Travel Curve, Coil Current, Vibration Analysis, Pre-insertion Resistance

Technical Specifications

Time Measurement Accuracy

4000 ms	0.1 ms	0.01 ms
Range	Error	Resolution

Travel Measurement Specifications

Sensor Type	Range	Resolution
Linear Resistance (Large)	0~250mm	0.01mm
Linear Resistance (Small)	0~25mm	0.01mm
Angle Resistance	0~360°	0.01°

Operating Environment

- Temperature: -10 to 50°C
- Humidity: <80%

Hardware & Interface

Display	12.1-inch touch screen
Connectivity & Storage	8G Internal Memory, 2x USB Interface, Built-in Micro Printer, Flash Disk Export
Power Supply	AC220V±10%; 50Hz±10%