Primary Current Injection Tester

This primary current injection tester is designed for testing and commissioning electrical protection systems. It features an AC0-1000A output, a digital panel meter for ammeter readings, and an amplitude regulating control.

Overview

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The HYPCIT series primary current injection tester is an essential tool for power systems, designed for the rigorous testing of circuit breakers, protection systems, and current transformers. By generating high currents from a power supply, it simulates rated or fault currents in primary circuits to ensure system reliability and safety. This versatile equipment supports essential maintenance tasks, including temperature rise procedures for circuit breakers and ratio error verification for current transformers.

Key Metrics

Performance Highlights

2000 A	15 KVA	0.5 %RDG+5D
Max Output Current	Max Output Capacity	Measurement Error

Technical Specifications

Power Supply	AC220V or AC 400V, 45Hz~65Hz
Impedance Voltage	8 %
Idle Current	6 %
Current Distortion	<5%

Environmental Conditions

Operating Temperature	0~40 °C
Humidity	<90%

Model Selection

Available Configurations

Model	Current (A)	Capacity (KVA)	Voltage (V)
3/500	500	3	6
5/500	500	5	10
10/500	500	10	20
15/500	500	15	30
3/1000	1000	3	3
5/1000	1000	5	5
10/1000	1000	10	10
15/1000	1000	15	15
3/2000	2000	3	1.5
5/2000	2000	5	2.5
10/2000	2000	10	5
15/2000	2000	15	7.5