

PRIMARY CURRENT INJECTION KIT

PCIT100



PCIT100 is a High Current Generator is a state-of-the-art testing device designed for high-power applications. It offers exceptional anti-interference performance and enhanced reliability compared to previous models of PCIT. With low power consumption, a large capacity autoregulator, and a high-permeability core converter, the PCIT100 delivers high output power while maintaining a compact, lightweight design.

This versatile generator is ideal for calibrating thermal relays, motor protectors, contactors, circuit breakers, air switches, and switchgear, as well as testing current transformer ratios. It is widely used in industries such as power generation, railway, petrochemical, metallurgy, mining, and scientific research for primary bus protection and electrical testing applications.

FEATURES

- 0-1000A Output
- Synchronization Capability
- Automatic Contact Detection
- Parallel Testing Support
- Instrument Locking Function
- High-Precision Accuracy
- Large LCD Screen
- Compact & Lightweight



TECHNICAL SPECIFICATION

Output Current	0 to 1000A
Output Waveform	Standard sine wave
Output Current Mode	True RMS value is continuously adjustable
Output Opening Voltage	5V - 6V
Output current mode	True RMS value is continuously adjustable
Output opening voltage	5-6V
Current accuracy	0.5%
Current stability	0.1%
Current Waveform Distortion	THD 1%;
Protection Settings	Over Current/Over Voltage
Measuring range	0.0001S --9999.9999S
Accuracy	0.0001S
Power	5000VA
Working Temperature	-10 °C to + 60 °C
Humidity	95% RH Non-condensing
Dimension	40 x 20 x 25 cm
Weight	30kg