

Article Overview

Relay protection device testers typically range from \$5,000 to over \$50,000 depending on features, phases, and digital capabilities.

Price Overview

The cost of a relay protection tester varies widely based on its capabilities, output phases, and software integration:

- o Single-phase portable testers (e.g., TEST-750) are generally \$5,000-\$10,000, suitable for field testing and basic protective relay verification .
- o Multi-phase universal testers (e.g., TEST-630 six-phase kit) with high-precision outputs, multiple binary inputs/outputs, and advanced fault simulation can range from \$20,000 to \$40,000 .
- o High-end microcomputer or digital relay testers (e.g., Doble F6150e, Megger FREJA/SMRT) designed for IEC 61850 digital substations, automated testing, and asset management software integration can exceed \$50,000, reflecting their advanced functionality and software support .

Factors Affecting Price

- o Number of Phases and Outputs: More phases and higher current/voltage outputs increase cost. For example, six-phase testers with 6x30A/6x130V outputs are more expensive than single-phase units .
- o Digital and Microprocessor Capabilities: Testers capable of simulating microcomputer relays, differential protection, and complex fault scenarios are priced higher .
- o Software and Automation: Integrated software for automated testing, fault simulation, and IEC 61850 compliance adds to the cost .
- o Portability vs. Laboratory Use: Portable field testers are generally less expensive than full laboratory-grade units with extensive outputs and high-precision amplifiers .
- o Brand and Support: Established brands like Megger, Doble, and GFUVE often command premium prices due to reliability, warranty, and technical support .

Recommendation

For basic field testing, a single-phase or compact multi-phase tester is cost-effective. For substation commissioning, smart grid applications, or IEC 61850 digital relay testing, investing in high-end multi-phase testers with integrated software is recommended despite the higher price. By considering the required testing scope, relay types, and automation needs, you can select a tester that balances performance and cost effectively.



Relay Protection Tester Purchase Price

Automotive Relay Tester - 4 & 5 Pin 12V Auto Diagnostic Tool, Small Handheld DIY Car Tester with Battery Clips, Relay Testing Kit,

Switchgear, or relay testers, are ideal for testing protection relay systems. Rent or purchase from ATEC and receive your product

Select from a number of protective relay tester models that feature varying power levels

It can test not only various traditional relays and protection devices, but also various modern

The Relay Protection Test Equipment is an essential part of our Test Machine offerings. Absolutely--many factories offer custom test

Protective Relay Test Sets provide you with the capability to test virtually any relay, from simple overcurrent relays to complex three

The next generation of protection relay test set and commissioning tool. The CMC 356 is the universal solution for testing all relay

This guide explores the key factors to consider when choosing a relay protection tester, including testing capabilities, automation

The CMC 356 is the universal six-phase testing solution for all generations and types of protection relays, where highest versatility,

Verify protection schemes during commissioning and maintenance to ensure reliable

3 phase protection relay test set for industrial control computer, with 110V and 220V dedicated adjustable DC power output, 2 USB

Looking to buy a microcomputer relay protection tester? Learn the key technical metrics, 3-phase vs 6-phase comparison, and how

Explore a wide range of our Protection Relay Tester selection. Find top brands, exclusive offers, and unbeatable prices on eBay.

Find your protection relay testing device easily amongst the 71 products from the leading brands (MEGGER, SIEMENS, Huazheng,

KINGSINE protection relay test set/kit offers thorough functionality, intuitive UI & accurate testing



Relay Protection Tester Purchase Price

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Single phase relay tester is a relay test equipment with overload protection and signal, forming a powerful display unit, powered by

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