

STRONGLY BUILT

- 20 years of experience in manufacturing high quality computerised portable test instruments.
- Instruments with a life expectancy better than 15 years.
- The only instrument which can sustain shocks and drops without damage thanks to a powerful design, dividing recording and processing.
- No fragile mechanical components inside as built-in printers, screens or keyboards.
- Small light robust construction (casing made of reinforced polyethylene with molded-in ribs for extra protection).
- No extra carrying case required.
- Open Hardware architecture (connection of various transducers)
- Easy and robust cable connections
- Greater safety and comfort thanks to USB fiber optic link.
- Robust software worldwide used which gives more power and flexibility in the analysis of the results.
- Easy upgrade of the instrument (free web-based software upgrade)



STRONGLY BACKED

The service is an integral part of the products and it includes some of the followings.

Best of all it is free of charge !

- 1 day free training at Zensol premises (transport and accomodation not included)
- GENWIN software included with the unit at no extra charge
- Free and unlimited software up-grades
- Demo units available at any time (transport not included)
- Support for creating customized test plans and tabular reports
- Support for field testing
- Support in designing new tabular reports
- Technical support on the phone or e-mail

In addition to all these services, our customers can obtain free and complete access to our knowledge base on recloser testing such as a library of test plans by recloser type.



Universal Analyzer for Recloser Controls

FEATURES AND BENEFITS

The GEN is capable of interfacing and testing any type of Recloser Cabinet Controllers.

The GEN Analyzers offer a "plug and play" solution to the different Recloser controls available in the market with a simple connection interfaces.

Specific interface are available : Cooper (F3, F4, F5 and F6), Schweitzer, ABB (PCD), Westinghouse (MTR type), Nulec (ADVC2), GE, W&B, G&W, etc...

The GEN Series Analyzers in tandem with GEN WIN, a highly specialized software, are used to measure the programmed response times and verify the proper operating sequences of all kinds of Recloser Controllers.

The controller's protection curve (TCC) along with the +/- 10% tolerance curves are plotted against the measured response time allowing for quick visual comparison of test results. (Fig.1)

Some of the major benefits and features are:

- Accurate, stable current generation and injection into the control cabinet with complete control of shape, timing and amplitude. (Fig.2)
- Accurate recording of current and control cabinet response events with sampling time as small as 44 microseconds.
- Control and execution of a complete test sequence with instantaneous display of test results.
- Display of generated commands along with the measured and recorded events in response to current injections: Trip, Reclose, Reset, Lockout, etc...

-Numerous TCC curves (Time Current Curve) for existing Recloser controls from different manufacturers or different international standard as ANSI or IEC are predefined and included in the software.

-Easy display of protection curves according to the recloser control cabinet programmed settings.

-GENWIN is supplied with a test plan library, including a default test plan that fills most of the users needs

-Batch tests capabilities: Execution of programmable long series of tests without user intervention enhances the controller's reliability and test results repeatability.

-Up to 30 tests per file including minimum Trip, Reclose interval, reset time, cold load pickup, etc...

-Recording and storing of raw data: the measured data integrity is preserved, with no filtering applied. (Fig.3)

-Automatic tabular report generation (in HTML printable format) (Fig.4)

-More than 70 mathematical functions are available, empowering the user to a higher level of calculations capabilities.

-Extensive export capabilities in various format including Word, Excel and even the customer's proprietary database.

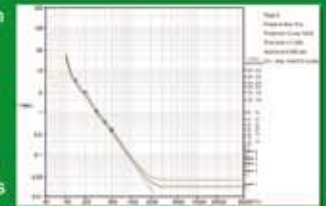


Fig. 1

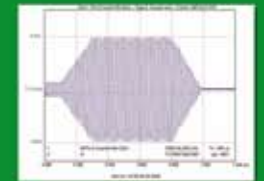


Fig.2

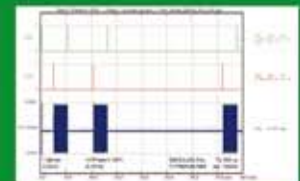


Fig.3



Fig.4