

# PRIMARY OR SECONDARY INJECTION TEST CASE

300V

200A

1U

1I

GCTD 50 / 100 / 200

## 2 Multi-range Electrotechnic generators :

- 1 Voltage up to 300Vac.
- 1 Current up to 200Aac.

### This system allows you to test :

- Minimum or maximum current or voltage relays.
- Current or voltage transformers.
- Delayed, electrotechnic and static relays.
- Power relays.
- Small circuit breakers.
- Statimax relays without auxiliary supply.
- **Digital relays - High adjustment accuracy.**



Picture for illustration purposes only.

### • Packaging

- Box - «Flight Case».
- Dimensions : L = 430 - W = 270 - H = 300 mm.

### • Main power supply

- 230 Vac Single Phase + Earth - 50 /60 Hz.
- Connection by Europa plug - Cord supplied.
- Protected by mini circuit-breaker.

### • MICROPILOT®

Microcontroller controlled module with backlight LCD display and function keys allowing to execute the following operations :

- Configuration of the test type (level setting, time delay).
- Configuration of the setting mode «Maximum» or «Minimum».
- Automatic measure of the tripping value (hold function).
- Measure of the amplitude (RMS) : 0.5% of the range.
- Delay measure up to 2000 sec (resolution 1ms).
- Software able to realize start, start/stop and stop functions thanks to a push button on the appliance or using an external information (contact, or voltage from 24 up to 240Vdc).
- Measure of recloser delays.
- Recognition of the state of the tripping information (contact or voltage 24 to 240Vdc).
- Serial output RS232.

### • Connectivity

- Output current lockable security plugs :  $\varnothing 6$ mm.
- Output voltage, current and timer security plugs :  $\varnothing 4$ mm.
- Lockable threaded rods suitable to current terminals.
- $\varnothing 6 / \varnothing 4$  adaptators for current terminals.
- GCTD100 : Cables 2 x 2.5m - 25mm<sup>2</sup>.
- GCTD200 Cables 2 x 2.5m - 25mm<sup>2</sup> (GCTD100) 50mm<sup>2</sup>.

### • Options

- Other voltage or current ranges on request.
- «Flight Case» with cord storage space.
- **CTRWIN** : Real time capture software of all results running on Windows XP/NT/Vista/7.

### • Electrotechnic current generator

- Selection of the output range.
- Protected by mini circuit-breaker.
- Continuously adjustable using auto-transformer.

Models	Ranges	Time	Power
• GCTD50	0 to 2A	Permanent	0.3 or 0.6V
	0 to 10A	30 sec	1 or 2V
	0 to 50A	30 sec	4 or 10V
• GCTD100	0 to 10A	Permanent	8 or 20V
	0 to 50A	30 sec	4 or 10V
	0 to 100A	30 sec	2 or 5V
• GCTD200	0 to 5A	Permanent	20 or 40V
	0 to 50A	30 sec	4 or 10V
	0 to 200A	30 sec	1.25 or 2.5V

### • Electrotechnic voltage generator

- Selection of the output range.
- Protected by mini circuit-breaker.
- Continuously adjustable using auto-transformer.

Output	Ranges	Time	Power
• Voltage AC	0 to 75V	Permanent	1.4A
	0 to 150V	Permanent	0.7A
	0 to 300V	Permanent	0.35A

Guarantee one year parts and labor. All interventions are carried out exclusively in our factory.

Due to continuous research program, these characteristics can be modified.