

## MG 30-N Current & Voltage Injection Set

by **COTEL**

- Secondary Injection
- Large Graphic Display
- Integrated timer/recorder
- Powerful -  
125 A max  
250 V
- Robust - Simple
- Light Weight - **9Kg.**



### SPECIFICATION

Rugged Flight-Case 39 x 30 x 31cm Wt. **9kg.**

**Power Supply** 230 Vac 50/60 Hz.

Fusing - Power Supply & Injection by breakers

#### Generator

1 current and voltage generator with five ranges -

**35 A. continuous Maximum voltage 5 V**

(70A/2min, 105A/40sec, 120A/20sec)

**20 A. Max. voltage 12 V (40A/30sec, 60A/10sec)**

**0.5 A. Max. voltage 250 V. (1A/1min, 27/20 sec)**

**5 A. Max. power 7.5 VA (10 A/15 sec)**

**1 A. Max. power 1.3 VA (1.8A/2min)**

#### Measurements

One ammeter measuring internally with two automatic automatically selecting ranges

**0 - 12 A and 12 - 125 A Accuracy 1%**

**Chronometer** with internal and external stop/start.

by dry contacts or a 12 to 250 V. ac or dc input.

Range 9999.999 sec, accuracy 0.02 % +/- 1ms.

#### Options -

Set of injection cables in carrying case

Externally reading ammeter 0-10 Amps., 1% acc.

for **TC ratio, sense & phase**

(this includes a Voltmeter for the 250 Vac output)

Archiving and analysis software

### APPLICATION

The MG 30-N is a lightweight, rugged and powerful injection set which is especially suited for testing over- or under-current or voltage relays. It is also suitable for testing Schneider Statimax type or other relays which are powered from the measurement connection.

This **NEW** instrument has one generator which serves both for current and voltage, and a new generation digital measurement and recording module with a large graphic display. This enables measurement of the true RMS value of the current and offers advanced timing and injection control functions. Records of time, threshold and CT ratio are held in an internal Flash Memory, and can be archived and consulted later on a Windows PC connected by **USB** or **RS232**.

A Current limit can be set using the control module as a safety feature, and the internal ammeter has two ranges which are automatically selected in use.

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