

MCF 750-N Compact Primary Injection Set

by **COTEL**

- Primary Injection
- Lightweight & compact
- Integrated timer/recorder
- Accurate & Powerful -
1300 A. max
2500 VA max
250 V.
- Robust



SPECIFICATION

Rugged Flight-Case housing
dimensions 39 x 31 x 30 cm Weight 22 kg.

Power Supply 90 to 264 Vac 47/63 Hz.

Fusing - power supply and generator by breaker

Generator ranges - Max Power. 2500 VA

3V output : 500A/5m; 750 A/85s; 1300A/10s.

5V output : 300A/5m ; 600 A/10s.

25A output : max. voltage 12 V

5A output : 13VA

Voltage output : (from 230V supply) 250V / 2.5A

Ammeter ranges

0 - 130 A and 130 - 1300 A Acc.1%

Chronometer with internal and external stop/start.

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

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

Options

External Ammeter for external current measurement - Range **0-10A**. This option includes an **Output Voltmeter**, and the display shows **CT ratio, Phase Angle, Sense and Voltage, 0—250 V.**

JC-14 Set of cables 95 mm², 2m. long

MG-ACQ Software to Save and Print results.

Verification Certificate

APPLICATION

The **MCF 750-N** is a lightweight but rugged and powerful injection set which is especially suited for testing circuit breakers, over-current relays, auto-reclosers and current transformers. This AC current generator can also be used as a voltage generator up to 250 V. for testing voltage relays and for **magnetic saturation** tests. The internal ammeter has two auto. ranges. There is a digital control module with a large graphical display, for the measurement of time, threshold and CT ratio. An internal flash memory holds results for report printing via a PC.

The **MCF 750-N** has an in-built **Chronometer** and the timer operation can be started by contacts or a voltage signal.

The options include 2m. injection cables of 95 mm² section, (other cable sizes can be provided), PC software for archiving and printing results, and an externally measuring ammeter to measure the ratio, phase lag and sense of CTs. This option includes a voltmeter to measure the CT output.

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