

VE 1200-N Current Injection Set

by **COTEL**

- **Primary Injection**
- **Accurate**
- **Integrated timer/recorder**
- **Powerful -**
2000 A max
3000 VA
- **Robust**



APPLICATION

The **VE 1200-N** is a widely used rugged and powerful injection set which measures **TRMS** and is especially suited for testing current transformers via their primaries. It is also suitable for measuring transformer ratios, auxiliaries, bushings and maximum current relays. The unit is now updated with a digital control and measurement module with a large graphic display, which enables measurement of time, threshold and CT ratio in an internal flash memory. These records can be archived and consulted later on a PC with windows XP, 2000 or 7 connected by **USB** or **RS232**.

A Current limit can be set using the control module as a safety feature.

The **VE 1200-N** can measure the true RMS value of the current, and offers advanced chronometric and injection control functions. The timer operation can be started by contacts or a voltage signal.

The standard 3m. injection cables of 2 x 95 mm² section have end clamps, and other cable sizes or types can be provided.

SPECIFICATION

Rugged Flight-Case housing with wheels & brakes dimensions 57 x 31 x 51 cm Weight 52 kg.

Power Supply 230 Vac 50/60 Hz.

Fusing - power supply by circuit breaker

Injection by electronic control.

Generators

1 current generator with three output ranges

1A, 15A, 2000A

Outputs - the output current is adjustable up to -

650 A for 15 mins.

1000 A for 5 mins.

2000 A for 30 secs.

Open circuit generator voltage 5.3 Volts.

Measurements

Internally measuring ammeter with two automatic ranges

0 - 200 A and 200 - 2000 A Accuracy 1%

Externally measuring ammeter with two ranges

0 - 1 A and 1 - 10 A Accuracy 0.5%.

This is used for checking ratio, phase lag, & sense of CTs.

Chronometer with internal and external stop/start.

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

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

Option - Voltage Generator - Range 0 - 750 Volts ac

This includes a **Voltmeter** - Range 0 - 1000 Volts ac

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