

## MIC 200/300 D C current generator

by

**COTEL**

- Pre-Settable
- Ramp-Up
- < 200/300A dc 5min
- Ripple-Free

Only 9 or 10 kg



The **COTEL MIC 200 & 300** are used for measuring the trip point of direct current relays, such as those used on railway networks, and display the current on a large graphic display.

The digital controller ramps-up the current output to the pre-set current, between 1 & 300 Amps dc. This maximum current of 200 or 300 Amps can be held for five minutes, after which a cool-down period of 10 minutes is required.

Connection is by quick-action terminals and 2.5 meter injection cables of 25 mm<sup>2</sup>. or 35 mm<sup>2</sup> section are included.

There is an optional front face mounted thermal printer to print the test results.

The supply can vary from 100 to 264 volts with no effect on the output current.

**USES** - Providing ramp-up to a pre-programmed current

- As a continuous settable current source

- Adjustment steps pre-set to 0.1, 0.5 or 1 Amp

### Technical Characteristics

Robust waterproof plastic case with handle

Dims. 41 x 34 x 21.5 cm

Weight MIC 200 - 9 kg MIC 300 10 kg.

Supply - 100 to 264 VAC 2 poles plus earth. 50/60 Hz single phase max. power **MIC 200 - 1200 VA, MIC 300 - 2000 VA**

**This power is available without reducing the test current**

**Protection** - injection by electronic control and thermal monitoring supply by breaker

### Current Generator -

The regulated output is adjustable from 1 - 200/300 A. Ripple-free current

Max voltage - 5 V. Max continuous current 100 Amps

Max Load MIC 200 - 200 A. at full power > 5 mins.

Max Load MIC 300 - 300 A. at full power > 5 mins.

Down time 10 min at 25°C ambient

### Measurements

Current	From 1 to 2 A	accuracy 1.0 %
	From 2 to 300 A	accuracy 0.5 %

### Options -

Integrated Thermal Printer

A wide selection of cable kits is available for current injection & measurement.

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