

# A. T. M. S.

Proven Advanced Technology Solutions

## SMARTCASE Single Phase Relay Test Set

by **COTEL**

- Secondary Injection
- 250 A ac
- 350 V ac
- 330 V dc
- Very easy to Use
- Light weight, 18kg
- All relay types



The Cotel SMARTCASE combines ruggedness and ease of use with advanced digital techniques to be the ideal instrument for systematic field testing of over- and under-voltage, current and frequency relays. The alphanumeric display and menu based control clearly indicate the measurements being carried out.

The SMARTCASE features a Digital Measurement module with internal or external timing, frequency meter, voltmeter & ammeter for both for internal & external measurement

**Digital timer** - Range 27599.999 secs Acc. 0.02 % ± 1 ms.  
With internal or external start/stop and cycle measurement (eg automatic recloser) External stop signals, volt free contacts or voltages 24V/250 VAC or 5 V/250VDC

**Internal digital ammeter**, Ranges 25 A, 100 A, 250 A. Acc. 1%  
**External** - 6 A. AC/DC for CT ratio or differential current.

**Digital voltmeter** (internal or external)  
Autorange 150 V, 500 V. Accuracy 1 %

**Frequency generator** - 40 to 70 Hz, Resolution 0.01 Hz.  
Phase shift, range -180 to +180° or 0 to 360°

Dimensions 43 x 23 x 23 cm. Weight 18kg

### SPECIFICATION

Supply 230V 50/60 Hz MAX; 1000VA  
Circuit Breaker Protection

#### Generators

Main gen. Current output

- 2A
- 10 A nom. ( up to 25 A)
- 50 A nom. (up to 100A)
- 100 A nom. (up to 250 A)

Voltage output -

250 VAC 2 A, or 330 VDC 1.5 A

Secondary Voltage gen. 300 V max  
phase adjustable to the main gen.

Voltage & Frequency 50 VA, 75 V  
150 V  
300 V

Auxiliary supply @ 50W

3 voltages 24 V, 48V. 127 V.

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