

# SCOPE

## SCOT M3K

Circuit Breaker  
Time Interval Meter



Forget about high tension...  
SCOT measures CB timings in live switchyards

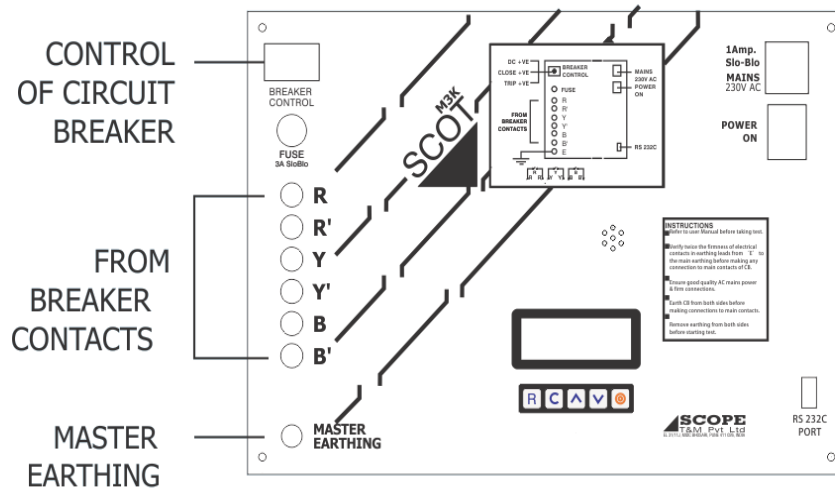
## The Product

SCOT series of CB Time Interval Meters from SCOPE are compact and reliable instruments to measure operating time of all types of HV/EHV circuit breakers under charged swichyard conditions up to 400kV. SCOT M3K measures and displays CLOSE, OPEN and CLOSE-OPEN time of main contacts of 3 poles connected end to end, simultaneously.

## Features

- Inbuilt clock to tag date and time of test to the readings
- 4 line 20 character backlit LCD display for menu and results
- Inbuilt memory to hold results of last fifty tests
- Easy to use menu driven user interface for operating
- Diagnostics for instrument condition and calibration watch
- Select the operation and mode to be performed e.g. Close, Open or CLOSE-OPEN
- Operation times of all three poles are measured and displayed simultaneously on the display
- Test results can be stored and downloaded to a PC using SCOPE's CDATA software

## Connections



## Specifications

- Channels : 3
- Breaker Control : Solid state contacts rated 300V / 30A for breaker operation
- Output : 4 line 20 character backlit LCD RS 232C port for downloading data to PC
- Range : 999ms maximum
- Resolution : 1ms
- Measuring Accuracy : Value  $\pm 0.05\% \pm 1$  digit
- Test Leads : Set of 15m, wear resistant test cables
- Environment : 0° to 50°C, 95% RH (Non-condensing)
- Power : 230V AC  $\pm 15\%$ , 50Hz  $\pm 10\%$ , 25VA
- Dimensions : 430 x 345 x 160 mm
- Instrument Weight : 6kg

## SCOPE of Supply

Description	Std Qty
SCOT M3K Circuit Breaker time interval meter complete with 15 Meter test lead set & CDATA 1.0 PC downloading & Analysis software	1 set

## Ordering Code

Example: SCOT M3K **F 1 F F F N F F R R I N** #

SCOT M3K

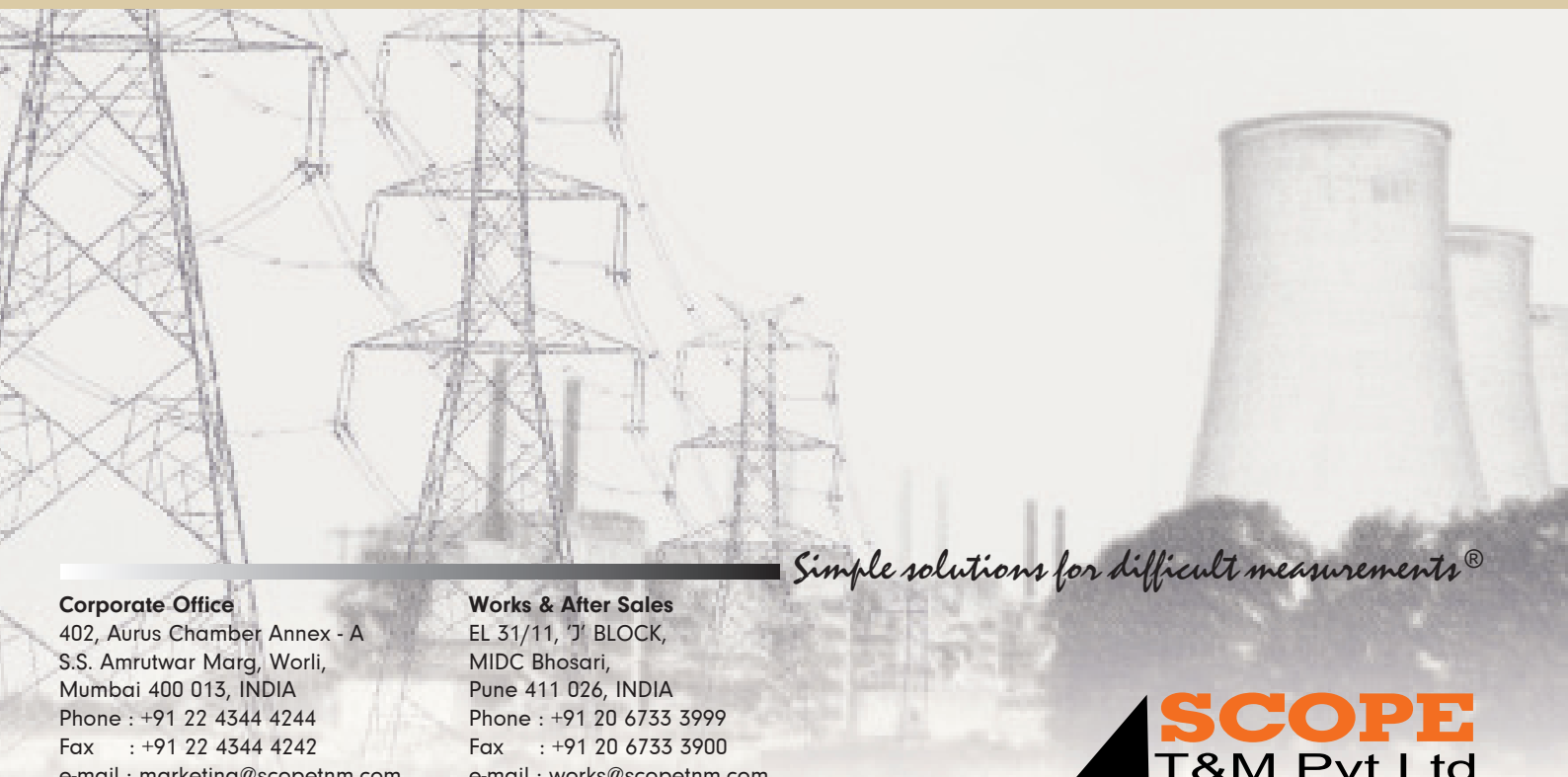
F	Reserved											Customised	Z
N	None											None*	N
1	With Software*											Universal Plug	U
F	Reserved											Indian Plug*	I
F	Reserved											110V ± 15%, 50/60Hz AC Input	Q
F	Reserved											230V ± 15%, 50/60Hz AC Input*	R
N	None*											Customised Length of Test Lead Set	Z
Z	Customised											15m Test Lead Set*	R
F	Reserved											7m Test Lead Set	S
F	Reserved												

Note : \* Standard Feature / Accessory

# SCOT M3K (Ordering Code : F1FFNFRRIN) means Circuit breaker time interval meter, 15m Test Lead Set, 230V ±15%, 50/60HZ AC Input, Indian Plug

Generation, Transmission,  
Distribution, Industry ...

... there is **SCOPE**  
*always!*



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