

# RELAY TEST KIT / SECONDARY INJECTION TEST KIT

## Model - QRTK-1

### Application:

- Protective Devices
- MCB
- Relays
- Overload coils
- Circuit breakers



### FEATURES:

- Continuously adjustable outputs Current and Voltage
- Dual Borden selection up to 20Amp
- Potential free start and stop signal
- Portable Model
- Digital Ammeter, Voltmeter and time interval meter (Unitimer)
- UniTimer automatically puts OFF the output, when timer reaches to its maximum value of the selected range to ensure safety of the instruments as well as the item under test.
- Wide range of measurement, i.e. From 0.001 second. To 99.99 secs in two ranges

Input	230V AC, single phase, 50Hz	AC/DC Volt Output	Continuously variable 0 -230V Capacity -240VA (Max)
Output	Current O/p 1) 0 -1 Amp @ 6/10 V 2) 0 -2 Amp @ 6/10 V 3) 0 - 5 Amp @ 6/10V 2) 0 -10 Amp @ 6/10V 3) 0 - 20 Amp @ 6/10V 4) 0 - 50 Amp @ 6V 5) 0 - 100 Amp @ 6V	Time Measurement	0 - 0.001 to 9999 Sec in four ranges
		Measuring CT	Multi ratio wound primary current transformer
		Variable auto transformer	The Current output will be cutoff incase of any overload or even if the relay under test actuated
		Current Metering	Digital Meter Basic Range : 0 - 1A AC Scaled in 0 to 100% for all selected range Accuracy : 1.5% of FSD
		Voltage Metering	Digital Meter Basic Range : 0 - 300VDC Accuracy : 1.5% of FSD
Current Output is continuously variable & the Output is taken out through multi range CT. The secondary is connected to Ammeter scaled in 0 to 100%			
Double winding loading transformer of suitable burden to provided corresponding to the current output as specified			

### Technical Specification

- Input Supply: 230V AC, +\_10% single phase
- Metering : a) 3 ½ Digit Ammeter / Voltmeter b) micro controlled based time interval meter
- Range : 0 - 0.001 to 9999 Sec in four ranges, selectable by a push button.
- Protection : Fuse / MCB, Over current protection

### : We also manufacture

Primary Injection test kit  
Circuit Breaker Timer / Time Interval test kit  
Micro Ohm Meter  
High Voltage Tester  
Transformer Ratio Test kit etc

### Ordering Information

- Test Leads set- QRTK/5/LS
- Instruction Manual- QRTK/5/M



**QUADRANT MEASUREMENTS** Pvt. Ltd. *Simplified Measurements Solutions*

Works : D - 51, MIDC, Satpur, Nashik, Maharashtra, INDIA.  
Email : sales@quadrantmeasurements.com  
Website : www.quadrantmeasurements.com

*Simplified Measurements Solutions*