



# Data Sheet

## Rish HVT 5kVAC

High Voltage Tester



Measure



Control



Record



Analyze



Optimize

## Application

The Rish HVT offers a 5kV test voltage to determine the withstand strength of electrical insulation for the normally occurring over voltage transients. It is available with manual operation and provides variable output voltage. It has selectable tripping current to identify breakdown voltage of different test objects and also have timer, useful to set duration of test period. Rish HVT is provided with HV ON indication, supply fault / earth open & overload protection provided for safety of operator, test set & object under test.

## Features & Benefits :

- Voltage range upto 5kV AC for testing various devices
- Selectable current range upto 50/100mA (as per model selected) to offer wide variety of testing
- Safety features Zero start interlock, Overload Protection, L&N reversal Protection, Earth Open Protection, HT On alarm to ensure user safety while testing
- Rugged design to work well in harsh industrial environments
- Compact size & unique design with good ergonomics, making it user friendly like never before

## Technical Specifications

Parameters	Range
Voltage	0 to 5kV AC
Voltage Accuracy	±2% of range ±2 digits
Voltage Resolution	0.01kV
Current Range	Two Models : 1) 1-50mA 2) 1-100mA
Current Accuracy	±2% of range ±2 digits
Mains Supply	230V 50Hz ±10%, 1 Phase AC
Duty Cycle	2 min On, 5 min Off
Timer	0-999 seconds Digital Timer
Timer DC Accuracy	±0.05% + 1 counts of full scale reading
Operation Mode	Manual
Cooling Type	Air cooled
Indication	Bright LED for Power ON & Test ON
Safety	L&N reversal & Earth Open Protection, Dimmer Zero, Fuse, HT On alarm

### Display

Display	LED
Number of Digits	3 digits in each line
Over range display	kV-105% Tripping mA - 1mA to 50/100mA Settable

### Environmental Specification

- Operating temperature : 0 to +55°C
- Storage temperature : 0 to +70°C
- Relative humidity : 0... 90% non-condensing

### Applicable Standards

- IS 2071-1 for testing techniques



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### Standard Accessories

- HV Cable for testing 3m
- Power Cord 3m
- Grounding / Earthing Cable
- Spare fuse
- Instruction manual

### Optional Accessories

- Discharge Rod
- High Voltage probe

### Codes for Booking :

- 1) TM05-00000000050MT : Rish HVT 50mA 5kV AC
- 2) TM05-00000000100MT : Rish HVT 100mA 5kV AC



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RISHABH

Specifications may change without prior notice



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