

# ITS: SERIES Data Sheet

## Low-Voltage Insulation Tester



### Data Sheet

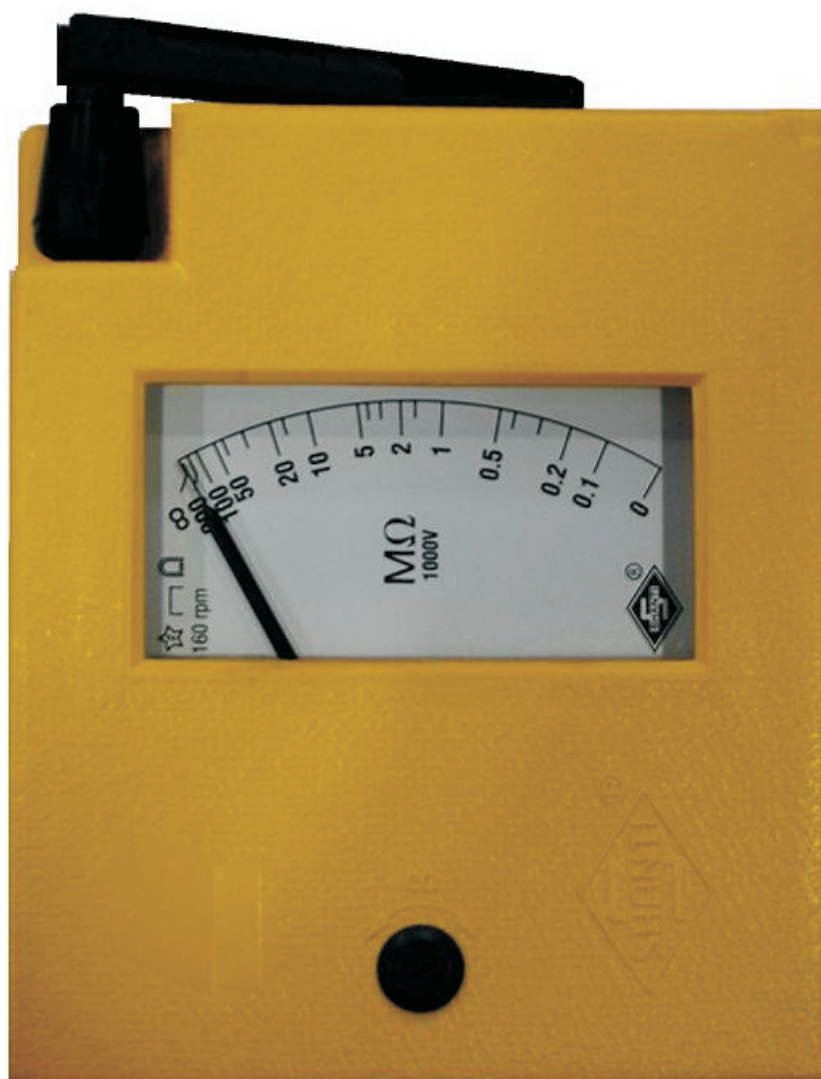
Low-Voltage Insulation  
Tester

### Application

ITS series is a low voltage portable Insulation Tester which offers the measurement of insulation in transformers, motors, generators or domestic appliances. The instrument is housed in a robust molded ABS case for shock resistance and its resistant construction keeps contaminants out for high reliability.

### PRODUCT FEATURE

- Housed in light and compact ABS case
- Option ITV : Voltage measurement (500 VAC/ DC)
- Option ITC : Continuity measurement (0 to 5K $\Omega$ )
- Rated Voltages: 500V, 1000V
- Insulation Resistance : 100M $\Omega$ , 200M $\Omega$
- 59mm logarithmic scale



## Specifications

ACCURACY	+/-5% IN THE FIRST EFFECTIVE RANGE +/- 10 % IN THE SECOND EFFECTIVE RANGE
TERMINAL VOLTAGE SETTING AT RATED RESISTANCE	+10% OF RATED VOLTAGE
DIELECTRIC TEST	WITHSTAND 2 KV AC (rms)
INSULATION RESISTANCE	> 50MΩ AT 500VDC
DIMENSIONS	145x110x70mm(approx)
WEIGHT	650Gms(approx)
STANDARD ACCESSORIES	1. A PAIR OF TESTING LEADS 1 METER LENGTH 2. INSTRUCTION BOOKLET 3. TEST CERTIFICATE
OPTIONAL ACCESSORIES	1. REXIN CARRYING CASE WITH STRAP 2. A SET OF 3 METERS LONG TEST LEADS

## Ordering Information

Model No.	Range		Ordering Code
	Insulation Resistance	Test Voltage	
ITS 5010	0-100MΩ	500V	IT80-1110000000000
ITS 10020	0-200MΩ	1000V	IT80-2110000000000
ITV 5010	0-100MΩ	500V	IT81-1110000000000
ITV 10020	0-200MΩ	1000V	IT81-2110000000000
ITC 5010V	0-100MΩ	500V	IT82-1120000000000
ITC 10020	0-200MΩ	1000V	IT82-2110000000000