



Introduction

5KV Digital Insulation Tester with 3½ Digit (1999 Counts) Large Display and Backlight. It measures Insulation Resistance upto 200GΩ, AC Voltage upto 600VAC and checks Phase Sequence and Phase Status Indication.

Features

- 3½ Digit (1999 Counts) Large LCD Display
- High Accuracy $\pm(3\%rdg+5\text{ digit})$ for Insulation Measurement
 $\pm(2\%rdg+5\text{ digit})$ for AC Voltage Measurement
- Range Selection & Single Person Push Button Operation
- LCD with Green Back Light Function with Indicator Switch
- Data Holding Function, Function Icons on Display
- Measurement of AC Voltage upto 600VAC
- Measurement of Phase Sequence Between (Phase - Phase Voltage) with LED Indicators & Beep Facility
- Auto Range (Insulation Test)
- Red LED Indicator for HV (High Voltage)
- Inbuilt Protection Circuit to prevent the harm of reverse Voltages.
- Battery Operated with AC Adaptor
- 3 Ranges of High Voltage & Insulation Resistance

Electrical Specifications

Accuracy : $\pm(\% \text{ reading} + \text{ digits})$ at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$; $\text{RH} \leq 75\%$

Specification	Test voltage	Range	Accuracy	Resolution
Insulation Resistance	1000V / 2500V / 5000V	0.1MΩ to 200GΩ	$\pm(3\%rdg+5\text{ dgt.})$	0.01MΩ
AC Voltage Measurement	0 - 600VAC (50 - 60Hz)	-	$\pm(2\%rdg+5\text{ dgt.})$	1V
Phase Sequence Test	100V - 450V (Phase - Phase) 40 - 60Hz	-	-	-

General Specifications

Display	3½ Digit (1999 Counts) Large LCD Display with 29mm Digit Height
Accuracy	$\pm(3\%rdg+5\text{ digit})$ for Insulation Resistance Range $\pm(2\%rdg+5\text{ digit})$ for AC Voltage Measurement
Over-Range Indication	'1' is displayed
Operating Temperature	0°C to 40°C (RH \leq 80%)
Storage Temperature	- 10°C to 50°C (RH \leq 75%)
Power	12V (8X1.5V) (R6AA size batteries) or AC Adaptor 12VDC
Dimensions	190 x 155 x 75mm (approx.)
Weight	900 gms including batteries (approx.)
Standard Accessories	Insulation Resistance Measurement Test Leads for High Voltage x 1 Set Phase Sequence Measurement Wires x 1 set AC Adaptor x 1, 1.5V AA Batteries x 8 Heavy Duty Carry Case x 1 Instruction Manual x 1

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in