

NEW!

Preliminary
Data

CE



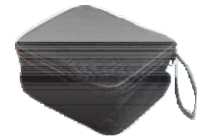
AA X 8
BATTERIES



12VDC
ADAPTOR



R-DIT945K-1



CARRYING
CASE



TEST LEADS

Introduction:

"MECO-G" has introduced a new & advanced multi-range 3½ Dgt. (1999 Counts) Digital Insulation Tester Model: R-DIT945K-1. It has 6 Voltage Ranges i.e. 100V/250V/500V/1000V/2500V/5000V.

R-DIT945K-1 has three Ohms (Ω) ranges, 0-200M Ω , 200M Ω -10G Ω and 10G Ω -2000G Ω .

Special Functions:

- * 3½ Digit (1999 Counts) Large Display with Back light
- * High Accuracy $\pm(3\% + 2\text{dgt})$ for Insulation Measurement.
- * LCD Back Light Function with Indicator Switch.
- * Battery Operated / AC adaptor
- * Display with Annunciators
- * Auto-Ranging (Insulation Measurement)
- * As per EMC standard IEC 61326-1 Class B
- * AS per Safety Standard IEC/EN 61010-1 & 61010-31
- * LED Indicator for HV (High Voltage)
- * In-built Protection Circuit to prevent the damage reverse voltages.
- * 6 Ranges of Insulation Measurement.
- * Suitable for calculation PI and DAR (manually)
- * As per IS10656-1983
- * Over Voltage CAT III, 600V
- * IP-44 Protection

Electrical Specifications: R-DIT945K-1

Specification	Test Voltage	Range	Accuracy	Resolution
Insulation Resistance	100V/250V/500V $\pm 10\%$	0.1~20M Ω	$\pm(3\% + 5\text{dgt})$	0.01M Ω
	1000V/2500V/5000VDC $\pm 10\%$	200M Ω ~10G Ω	$\pm(5\% + 10\text{dgt})$	
		10G Ω ~200G Ω	$\pm(10\% + 5\text{dgt})$	

Accuracy \pm (% reading + digits) at 23°C \pm 5°C; RH \leq 75%

General Specifications:

Display	3½ Dgt. (1999 Counts) Large LCD Display with 29mm Display Height.
Accuracy	$\pm(3\% + 5\text{dgt})$
Low Battery Indication	
Operating Temperature	0°C to 40°C (RH \leq 85%)
Storage Temperature	-10°C to 50°C (RH \leq 75%)
Voltage Withstand	2KV for 1 min.
Dimensions	190 x 155 x 75 mm
Weight	Approx. 900gms including batteries
Power	12V (8 x 1.5V) (R6AA size batteries) or AC Adaptor 12VDC
Accessories	1. Insulation Test leads for High Voltage x 1 2. Batteries (R6AA size batteries) 1.5V x 8 3. Instruction Manual 4. Carrying Case 5. Adaptor