

NEW!

Preliminary Data



Model: R-DT903A



Model: R-DT945K

Introduction:

“MECO-G” has introduced a multi-range 3½ Dgt. (1999 Counts) Digital Insulation Tester Model: R-DT903A and R-DT945K. It has 3 Voltage Ranges, 250V/500V/1000V and 1000V/2500V/5000V respectively.

R-DT903A has two MOhms (MΩ) ranges, 0-200MΩ and 0-2000MΩ and R-DT945K is auto-ranging upto 20GΩ

AC voltage measurement upto 750VAC is available. Voltage is maintained from 10% to 100% of the insulation resistance range.

Special Functions:

- * 3½ Digit (1999 Counts) Large Display with Back light
- * High Accuracy ±(5% + 5dgts) for Insulation Measurement. and ±(1% + 6dgts) for VAC Measurement
- * LCD Back Light Function with Indicator Switch.
- * Measurement of AC voltage upto 750VAC.
- * LED Indicator for HV (High Voltage)
- * Inbuilt Protection Circuit to prevent the harm of reverse voltages.
- * Battery Operated / AC adapter (At additional cost)
- * 3 Ranges of Insulation Measurement.

Electrical Specifications: R-DT903A

Accuracy ± (% reading + digits) at 23°C ± 5°C; RH ≤ 75%


Specification	Test Voltage	Range	Accuracy	Resolution
Insulation Resistance	250V/500V/1000V	0-200MΩ to 2000MΩ	±(5% + 5dgts)	0.01MΩ
AC Voltage Measurement	0-750VAC (40-400Hz)	-	±(1% + 6dgts)	1V

Electrical Specifications: R-DT945K

Accuracy ± (% reading + digits) at 23°C ± 5°C; RH ≤ 75%

Specification	Test Voltage	Range	Accuracy	Resolution
Insulation Resistance	1000V/2500V/5000V	1MΩ-10GΩ to 20GΩ	±(5% + 5dgts)	0.1MΩ
AC Voltage Measurement	0-750VAC (40-400Hz)	-	±(1% + 6dgts)	1V

General Specifications:

Display	3½ Dgt. (1999 Counts) Large LCD Display with 33mm Display Height.
Accuracy	±(5% + 5dgts) for Insulation Measurement. ±(1% + 6dgts) for VAC Measurement
Low Battery Indication	
Operating Temperature	0°C to 40°C (RH ≤ 85%)
Storage Temperature	-10°C to 50°C (RH ≤ 75%)
Insulation Resistance	≥ 500MΩ / 1000V
Voltage Withstand	2KV for 1 min.
Dimensions	170 x 110 x 60mm
Weight	Approx. 550gms including batteries
Power	9V (6 x 1.5V) (R6AA size batteries) or AC Adaptor 9VDC
Accessories	1. Insulation Test leads for High Voltage x 1 2. Batteries (R6AA size batteries) 1.5V x 6 3. Instruction Manual 4. Carrying Case 5. Shielding Line (Only with R-DT945K) 6. Adaptor (At additional Cost)