

8 FUNCTIONS 30 RANGES

Model 603

SPECIAL FEATURES :

- High Accuracy, Digital Reading
- Large LCD for easy reading
- Automatic Zero adjustment.
- Instant continuity buzzer
- OverLoad Protection on all ranges
- Recessed safety designed Input Jacks
- Diode, Continuity Test & Transistor hFE Test.
- Automatic -ve polarity indication

ACCESSORIES :

Test Leads, Spare Fuse, Carrying Case, User's Manual & Battery.

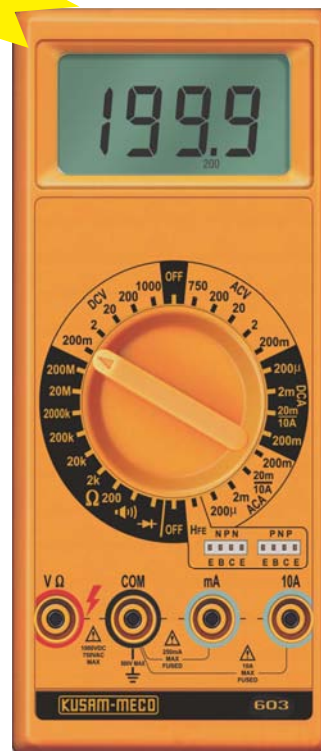
OPTIONAL ACCESSORIES:

Current Clamp CA 300, Current Clamp Adaptor CA500, CA1000, CA2000, High Voltage Probe PD-28.

GENERAL SPECIFICATIONS :

- * Sensing : Average Sensing.
- * Basic Accuracy : $\pm(0.5\%rdg + 1dgt)$
- * Display : 3½ digit Max. 1999 Counts Large LCD display
- * Display Size : 18 mm
- * Measurement Rate : 3 measurements per second nominal
- * Over range Indication : MSB (highest) digit (1) or (-1) is displayed.
- * Low battery : The "BAT" sign is displayed when the battery voltage drops below the operating Voltage.
- * Operating Temperature : 0°C to +50°C; 70%R.H.
- * Storage Temperature : -20°C to 60°C; 0-80%R.H. (With Battery Removed)
- * Power : Single, Standard 9V battery.
- * Dimension : 170(L) x 80(W) x 40(H)mm
- * Weight : Approx. 250g (including battery)

10Amps RANGE FUSED



ELECTRICAL SPECIFICATIONS- 603

Accuracy : \pm (% reading + digit) at 23 \pm 5°C less than 75% RH.

DC VOLTAGE

Range	Resolution	Accuracy
200 mV	100 V	$\pm(0.5\%rdg + 1dgt)$
2 V	1 mV	
20 V	10 mV	
200 V	100 mV	
1000 V	1 V	

Input Impedance : 10M

Overload Protection : 500V DC / 350V AC for 15 sec. on the 200mV range, 1200V DC / 800V AC on all other ranges

AC VOLTAGE

Range	Resolution	Accuracy
200 mV	100 V	$\pm(1.0\%rdg + 4dgt)$
2 V	1 mV	
20 V	10 mV	
200 V	100 mV	
750 V	1 V	

Input Impedance : 10M

Overload Protection : 500V DC / 350V AC for 15 sec. on the 200mV range, 1200V DC / 800V AC on all other ranges

AC CURRENT

Range	Resolution	Accuracy
200 A	100 nA	$\pm(1.2\%rdg + 4dgt)$
2 mA	1 A	
20 mA	10 A	
200 mA	100 A	
10 A	10 mA	

Overload Protection : 10A Input fused upto 12A for 30 sec.

Other range Input, 0.8A/250V Fuse.

Voltage Burden : 10A range 700mV MAX.

RESISTANCE

Range	Resolution	Accuracy
200	0.1	$\pm(1.0\%rdg + 3dgt)$
2 K	1	$\pm(0.8\%rdg + 1dgt)$
20 K	10	
200 K	100	
2000 K	1 K	
20 M	10 K	
200 M	100 K	$\pm(5.0\%rdg - 10dgt)$

Overload Protection : 500V DC/AC

Test Voltage : 200 range 3.2V MAX., 20M range 3.0V

MAX, 200M range 3.2V MAX., Other range 3.0V MAX

DIODE TEST

Test Current	1.0 \pm 0.6mA
Test Voltage	3.2V MAX.

Overload Protection : 500V DC or AC rms

DC CURRENT

Range	Resolution	Accuracy
200 A	100 nA	$\pm(1.0\%rdg + 1dgt)$
2 mA	1 A	
20 mA	10 A	
200 mA	100 A	
10 A	10 mA	

Overload Protection : 10A Input fused upto 12A for 30 sec.

Other range Input, 0.8A/250V Fuse.

Voltage Burden : 10A range 700mV MAX.

TRANSISTOR hFE TEST

Range	Vce	Basic DC Current
0 to 1000	2.8V \pm 0.4V	10 A

CONTINUITY TEST

Audible Sound Buzzer	Less than 100
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Overload Protection : 500V DC or AC rms

All Specifications are subject to change without prior notice