

KUSAM-MECO

3½ DIGIT LARGE DISPLAY DIGITAL MULTIMETER MODEL - 6 0 3 0



FEATURES

- Low power consumption CMOS double integration, A/D transform integrated circuit, Auto Zero Calibration, Auto Polarity display, Data Hold, Low Battery & Over range indication.
- Display : 3½ digit (2000 Counts) with digit height 28mm and function/units sign annunciators.
- Selected Range displayed on LCD.
- Test lead jack mechanical protection function & full Range over-load protection function.
- Polarity : Automatic (-) negative polarity indication.
- Over range Indication : Most Significant Digit becomes '1', indicates that the value has exceeded the selected range..
- Auto Power Off : The meter will shut off automatically about 15 Minutes after power is on to avoid forgetting to turn off the meter after using it.
- Operating Temperature : 0°C to 40°C
Relative Humidity : < 85%
- Storage Temperature : -10°C to 50°C
Relative Humidity : < 85%
- Temperature for keeping accuracy : 23°C ± 5°C
Relative Humidity : < 75%
- Power : One standard 9V battery
- Low Battery Indication : will occur on the left top of the LCD.
- Dimension : 192mm(L) x 88mm(W) x 42mm(H)
- Weight : Approx. 600g. (Including battery and holster).
- Safety : CE mark certified
- Accessories : Test Leads, Temperature Probe, Holster, User Manual, Carrying Case, Battery.

TECHNICAL SPECIFICATIONS:

Accuracy : ± (% reading + digit) one year warranty.

DC VOLTAGE

Range	Resolution	Accuracy
200 mV	100 uV	±(0.5%+3)
2 V	1 mV	
20 V	10 mV	
200 V	100 mV	±(0.8%+3)
1000 V	1 V	

Input Impedance : 10M
Overload Protection : 250V (for 200mV),
DC or AC peak value 1000 V (for other range)

AC CURRENT

Range	Resolution	Accuracy
2 mA	1 uA	±(1.0%+3)
20 mA	10 uA	
200 mA	100 uA	±(1.8%+3)
20 A	10 mA	±(3.0%+7)

Overload Protection : 0.2A/250 V Fuse
Max Input Current : 20A
Voltage drop measurement : Full-range
voltage drop : 200mV
Frequency range : 40Hz-400Hz
Display : Average value (Sine Wave)

CAPACITANCE

Range	Resolution	Accuracy
2 nF	1 pF	±(0.8%+3)
20 nF	10 pF	
200 nF	100 pF	±(3.0%+3)
2 uF	1 nF	±(5.0%+3)
200 uF	100 nF	

Frequency measurement : Approx.
400 Hz
Voltage measurement : Approx. 40 mV.

AC VOLTAGE

Range	Resolution	Accuracy
2 V	1 mV	±(0.8%+3)
20 V	10 mV	
200 V	100 mV	±(1.2%+5)
700 V	1 V	

Input Impedance : 2M Others are 10M
Frequency range : 40Hz-400Hz
(it is 40Hz-100Hz in 200V,750V
range position).

Overload Protection : 250V (for 200mV),
DC or AC peak value 1000 V
(for other ranges)

Display : Average value (Sine RMS)

DC CURRENT

Range	Resolution	Accuracy
2 mA	1 uA	±(0.8%+2)
20 mA	10 uA	
200 mA	100 uA	±(1.2%+2)
20 A	10 mA	±(2%+5)

Overload Protection : 0.2A/250 V Fuse
Max Input Current : 20A
Voltage drop measurement : Full-range
voltage drop : 200mV

RESISTANCE

Range	Resolution	Accuracy
200	0.1	±(0.8%+3)
2 K	1	
20 K	10	±(0.8%+2)
200 K	100	
2 M	1 K	±(1.0%+5)
20 M	10 K	

Overload Protection : 250 V DC or AC
peak value.
Open circuit voltage : < 1 V

FREQUENCY

Range	Resolution	Accuracy
2 KHz	1 Hz	±(2.0%+5)

Overload Protection : 500 V DC or AC peak value.
Input Sensitivity : 150 mV rms

TEMPERATURE

Range	Resolution	Accuracy
-40°C~400°C	1°C	±(0.75%+4)
400°C~1000°C		±(1.5%+15)

TRANSISTOR hFE PARAMETER MEASUREMENT

Range	Description	
hFE	It can measure NPN or PNP type of transistor triode hFE parameter. Indication range : 0~10006	1b approx. 10uA, Vec approx. 2.8 V

DIODE AND CONTINUITY MEASUREMENT

Description	
Indicate approx forward-way voltage drop of diode	Forward-way current is approx. 1mA conray-way voltage is approx. 2.8 V. Open circuit voltage is approx. 2.8V.
The buzzer inside sounds when continuity resistance is about <50	

Overload Protection : 250 V AC or DC peak value.



Industrial Supply Syndicate

Office : 54. Ezra Street, Kolkata - 700 001, India.

Tel. : (033) 3291 6080, 22356676 Fax : (033) 3022 2923

E-mail : info@industrialindia.com, Website : www.industrialindia.com