

**KUSAM-MECO**<sup>®</sup>

An ISO 9001:2015 Company

# TRUE RMS HIGH VOLTAGE DIGITAL MULTIMETER

THINK SAFETY  
THINK **KUSAM-MECO**<sup>®</sup>

## FEATURES

- DC Voltage Overload Protection : 3100V DC
- AC Voltage Overload Protection : 2100V AC
- True RMS measurement
- For measuring solar, PV systems
- 4000 count LCD
- Auto ranging
- Bar-graph indication
- Data hold function
- 3000V DC Voltage measurement
- 2000V AC Voltage measurement
- AC / DC mA/mA measurement
- Low battery indication
- Auto power off
- Low power consumption
- Rugged and compact

## GENERAL SPECIFICATIONS :

- **Dimension** : Approx. 221(L) X 110(W) X 57(D) mm
- **Weight** : Approx. 507g.
- **Power Supply** : 1.5V (AA) X 2 Alkaline battery.
- **Accessories** : User Manual, Test Leads,  
Alligator Clips, Hand Strap &  
Batteries.
- **Safety Standard** : IEC/EN61010-1, CAT III 1000V  
IEC/EN61010-1, CAT IV 600V  
EN61326-1

## MODEL- KM 8000HVDM

9 FUNCTIONS 20 RANGES



**CAT III 1000V**  
**CAT IV 600V**



Preliminary Data



• For measuring solar, PV systems



• Hand strap

All Specifications are subject to change without prior notice.

## ELECTRICAL SPECIFICATIONS : KM 8000HVDM

### DC VOLTAGE

Range	Resolution	Accuracy
400 mV	0.1 mV	±(0.5%rdg + 5dgt)
4 V	1 mV	
40 V	10 mV	
400 V	100 mV	
1000V for CE	1 V	±(1.0%rdg + 3dgt)
3000V for general	1 V	

**Input impedance:** About 10MΩ  
**Overload protection :** 3100V DC

### DC mA / mA

Range	Resolution	Accuracy
400 mA	0.1 mA	±(1.2%rdg + 5dgt)
4000 mA	1 mA	
40 mA	0.01 mA	
400 mA	0.1 mA	

**Overload protection :** 0.5A / 1000V fast blow fuse for 400mA.

### AC VOLTAGE

Range	Resolution	Accuracy
400 mV	0.1 mV	±(5%rdg + 5dgt)
4 V	1 mV	
40 V	10 mV	
400 V	100 mV	
1000V for CE	1 V	±(5%rdg + 5dgt)
2000V for general	1 V	

**Input impedance:** About 10MΩ  
**Overload protection :** 2100V DC

### AC mA / mA

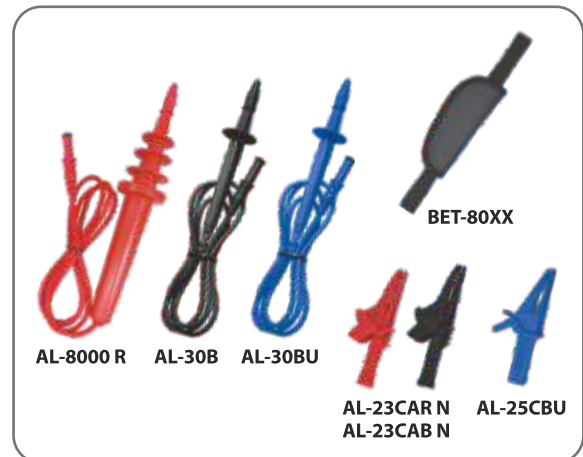
Range	Resolution	Accuracy
400 mA	0.1 mA	±(1.5%rdg + 3dgt)
4000 mA	1 mA	
40 mA	0.01 mA	
400 mA	0.1 mA	

**Overload protection :** 0.5A / 1000V fast blow fuse for 400mA.

## INSTRUMENT LAYOUT



1. LCD
2. HOLD Button
3. Function Rotary Switch
4.  $\sim$  ~ Button
5. mA mA Terminal
6. COM Terminal
7. HV Terminal



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