



# Model H8000 HVDM

## True RMS High Voltage DMM



### Specifications

#### DC Voltage

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

- Input impedance : 10MΩ

#### AC Voltage

Ranges	Resolution	Accuracy
400mV	0.1mV	
4V	1mV	±(1.0%rdg+5dgt)
40V	10mV	
400V	100mV	
1000V for CE	1V	
2000 for general	1V	±(1.5%rdg+3dgt)

- Input impedance : 10MΩ

#### DC mA / μA

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

- Overload Protection 0.5A/1000V fast blow fuse for 400mA

#### AC mA / μA

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

- Overload Protection 0.5A/1000V fast blow fuse for 400mA

#### General

Dimensions: 221(L) × 110(W) × 57(D)mm

Weight: Approx. 507g (battery included)

Power source: 1.5V (AA) × 2 (Alkaline battery)

Safety standards: IEC / EN 61010-1 CAT III 1000V  
IEC / EN 61010-1 CAT IV 600V, EN 61326-1

### Features

- True RMS measurement
- For measuring solar, PV systems
- Auto ranging
- Bar-graph indication
- Data hold function
- 3000V DC Voltage measurement
- 2000V AC Voltage measurement
- AC mA/uA measurement
- DC mA/uA measurement
- Low battery indication
- Auto power off
- Low power consumption
- Rugged and compact

### For measuring solar, PV systems



Hoyt Electrical Instrument Works, Inc.

[www.hoytmeter.com](http://www.hoytmeter.com)

23 Meter Street  
Penacook, NH 03303

Phone: (800) 258-3652  
Fax: (603) 753-9592  
Email: [sales@hoytmeter.com](mailto:sales@hoytmeter.com)

Page 1 (2)



# Model H8000 HVDM

## True RMS High Voltage DMM

### Instrument Layout



- (1) LCD
- (2) HOLD Button
- (3) Function Rotary Switch
- (4) Button
- (5) mA  $\mu$ A Terminal
- (6) COM Terminal
- (7) HV Terminal



BET-80XX



Hand strap

### Accessories

- Instruction manual
- Test leads
- Alligator clips
- Hand strap
- Batteries



AL-8000 R



AL-30B



AL-30BU



AL-23CAR N  
AL-23CAB N



AL-25CBU