



Electronics Educational Trainer Kits



SINCOM is Introducing "**Digital Multi V I Meter (DMVI)**" for Voltage(V) and Current (I) Measurement **Digitally**. Specially Designed for Laboratories of Electronics Engineering. **DMVI meter** is most useful for all LABs of Engineering, Polytechnics, ITIs, Science Colleges etc.



DIGITAL MULTI V I METER (DMVI)

SINCOM[®]
Sindhu ELECTRONICS & COMMUNICATIONS PVT. LTD.

DIGITAL MULTI V I METER (DMVI)

■ DMVI has following advantages over the conventional Digital and Analog meters.

- Now take your all readings by our **single DMVI** and **DVI** meters instead of using Multiple Digital OR Analog meters.
- Do your Experiments Without the fear of damaging of Digital OR Analog Meters.
- No Risk of Damage like in case of Digital OR Analog meters.
- Now Monitor Your readings even from the long distance
- No Damage due to Over Voltage and Current
- No hassle for selecting Ranges of Meters
- No Damage due to Reverse Connections
- Get Accurate Digital Readings
- Seven segment LED Display
- Low Cost
- Most Durable

■ Features :

- Multiple Digital Volt and Current Display
- Wall Mountable
- Desktop type
- Easy for Operation
- Wide Viewing angle
- Guaranteed Zero Reading for 0V Input on All Scales
- Over Voltage & Current Protections
- High accuracy
- AC Mains Operated
- Calibrated
- Easy to Service
- Dedicated Input Supply Terminals for V & I.
- Available in multiple ranges.



■ DMVI Models and Ranges :

Model	Ranges
DMVI-01	V ₁ -2V, I ₁ -2000µA, V ₂ -20V, I ₂ -20mA DC
DMVI-02	V ₁ -2V, I ₁ -2000µA, V ₂ -20V, I ₂ -200mA DC
DMVI-03	V ₁ -20V, I ₁ -20mA, V ₂ -20V, I ₂ -200mA DC
DMVI-04	V ₁ -20V, I ₁ -20mA, V ₂ -200V, I ₂ -200mA DC
DMVI-05	V ₁ -2V, I ₁ -20mA, V ₂ -200V, I ₂ -200mA DC

* Customized Models on Demand

■ Technical Specifications -DVI :

- Input Supply : AC 230V ± 10%, 50Hz
- DC Power Supply : +5V Regulated
- Measuring Input : DC
- Display Meter : Voltage and Current
- Volt Indicator (V) : 2
- Current Indicator (I) : 2
- Indication Method : 7 segment LED Display
- Display Digit : 3^{1/2}
- Polarity Indication : Automatic
- Measuring Method : Dual Slope A-D Conversion
- Over range Indication : "1" or "-1"
- Input Impedance : > 10 MΩ
- Accuracy : ± 0.5% of full scale
- Input Sensitivity : 200mV Full scale
- Zero Input reading : ± 0.000
- Power Consumption : < 4W
- Operating temperature : 0°C to 70°C
- Housing : Elegant Wooden cabinet- Desktop and Wall mountable

♦ Ranges Available: Model **DMVI-01, DMVI-02, DMVI-03, DMVI-04, DMVI-05**