



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

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* 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