



## Electronics Educational Trainer Kits



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



## DIGITAL V I METER (DVI)

# SINCOM<sup>®</sup>

**Sindhu** ELECTRONICS & COMMUNICATIONS PVT. LTD.

# DIGITAL V I METER (DVI)

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

- Now take your all readings by our **single DVI** and **DMVI** 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 :

- 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.

## ■ Technical Specifications -DVI :

- ◆ Input Supply : AC 230V  $\pm$  10%, 50Hz
- ◆ DC Power Supply : +5V Regulated
- ◆ Measuring Input : DC
- ◆ Display Meter : Voltage and Current
- ◆ Volt Indicator (V) : 1
- ◆ Current Indicator (I) : 1
- ◆ Indication Method : 7 segment LED Display
- ◆ Display Digit : 3<sup>1/2</sup>
- ◆ Polarity Indication : Automatic
- ◆ Measuring Method : Dual Slope A-D Conversion
- ◆ Over range Indication : "1" or "-1"
- ◆ Input Impedance :  $> 10\text{ M}\Omega$
- ◆ Accuracy :  $\pm 0.5\%$  of full scale
- ◆ Input Sensitivity : 200mV Full scale
- ◆ Zero Input reading :  $\pm 0.000$
- ◆ Power Consumption :  $< 2\text{W}$
- ◆ Operating temperature : 0°C to 70°C
- ◆ Housing : Elegant Wooden cabinet- Desktop and Wall mountable
- ◆ Ranges Available : **Model DVI-01, DVI-02, DVI- 03, DVI-04, DVI-05**



## ■ DVI Models and Ranges :

Model	Ranges
● DVI-01	: V-20V, I-20mA DC
● DVI-02	: V-20V, I-200mA DC
● DVI-03	: V-2V, I-2000 $\mu$ A DC
● DVI-04	: V-2V, I-20mA DC
● DVI-05	: V-200V, I-200mA DC

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\* Customized Models on Demand