

Voltage Simulator



INTRODUCTION

SBK Instrumentation makes truly portable and highly reliable V Simulator which can be used Source facility. The Simulator is designed to suit Instrumentation Lab as well as field calibration. This can be used as better tool for trouble shooting and confirmation of instrument. Hence very useful for Commissioning, Quality assurance, Routing Maintenance.

FEATURES

- ▶ Source V DC as per requirement
- ▶ Typical Accuracy 0.2% ± 1 digit
- ▶ Operation on 230Vac
- ▶ Maximum load 500 ohm
- ▶ V Output range 0-15 VDC
- ▶ V Measurement Range 0-15VDC

TECHNICAL SPECIFICATIONS

- ▶ **Power Supply** 230 V AC 50 Hz ± 10%
- ▶ **Indication** 3 ½ digit 0.5” height Red LED
- ▶ **Operating Temp.** 0 to 50 ° C
- ▶ **Effect of Temp. Change** 0.002% per Deg. C ref 25° C
- ▶ **Humidity** Maximum 90% Rh non condensing
- ▶ **Storage Temp.** 0 to 70° C
- ▶ **Size** 96 (W) * 96 (H) * 125 (D)
- ▶ **Weight** 1 Kg approximate

Function	Range	Resolution	Accuracy	Load
Source				
V	0 to 15.0	15V DC	0.2 % ±1 digit	-

FUNCTIONAL DESCRIPTION

1. **Mode** : Source (Generation) with Key PAD.
2. **V Simulator** : Can be calibrated easily.

APPLICATION

- ▶ For calibration of process control instruments and systems for various industries such as cement, Chemicals, Dyestuff, Paint, Durgs, Pharmaceuticals, Sugar, Paper, Glass, Food Industries, Steel, Synthetics, Auto, Air Conditioning and Refrigeration.
 - ▶ As fault finding tool.
 - ▶ Quality Assurance tool for ISO 9000, QS 2000 companies for control of inspection & measurement.
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Due to continuous development specifications are subject to change without notice.

Represented by :-

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