DATA SHEET **SBK INSTRUMENTATION**

mA Simulator

INTRODUCTION

SBK Instrumentation makes truly portable and highly reliable mA Simulator which can be used for mA Source and Sink 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 mA and Sink mA as per requirement
- ► Typical Accuracy 0.2% ± 1 digit
- ► Operation on 230Vac
- ► Maximum load 500 ohm
- ► mA Output range 0-25 mA
- ► mA Measurement Range 0-19.99mA

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/Sink				
mA	0-19.99	10 µA	i.e 0.2 % ±1 digit	500 Ω at 20mA

FUNCTIONAL DESCRIPTION

1. **Mode :** Source (Generation) or Sink (Measurement) with Toggle switch located on back plate.
2. **mA Simulator :** Can be calibrated easily. Potentiometer for Zero and Span are easily accessible.

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.

Due to continuous development specifications are subject to change without notice.

Represented by :-

SBK Instrumentation
A-201, Manali Arcade, Pune-Satara Rd,
Near D-MART, Pune – 411 009.
Telfax : 020-24227051 Mob : 9423001226
E-Mail : sbkinstru@rediffmail.com