



Analogik

ELECTRONICS CORPORATION

UNIVERSAL CALIBRATORS AND SIMULATORS

- Green display 1/2" height.
- High accuracy & reliability.
- Easy to operate.



INTRODUCTION

Analogik universal calibrator is very useful tool to calibrate many types of process control instruments which accepts mV and mA and resistance. The universal calibrator is designed to give highest stability and accuracy. The calibrator can be used for lab or inhouse purpose as well as to used on field.

This is very useful tool for calibration of instruments, commissioning, quality assurance and fault findings.

TECHNICAL SPECIFICATIONS

FUNCTIONS	mV, mA Resistance source mV, mA Read
RANGES	0 to 200 mV 0 to 25 mA 0 to 500 ∇
INDICATION	4 1/2 digit LCD / LED - Green mV, mA and ∇ or $^{\circ}\text{C}$
POWER SUPPLY	230V AC, 50Hz for table top model 2 Batteries of 9VDC for portable model
RESOLUTION	10 μV for mV 0.01 mA 0.1 ∇ or 0.1 $^{\circ}\text{C}$
ACCURACY	$\pm 0.1\%$ of FS 0.15% of FS for mA 0.2% of FS for RTD
OPERATIONG TEMP & HUMIDITY	10 to 50 $^{\circ}\text{C}$, 90% Rh max
BATTERY LIFE	6 hrs. incase of full o/p current 30 hrs. when no o/p current
SIZE	90 (H) x 215 (W) x 230 (D) mm
WEIGHT	2 kg (TableTop) 1 kg (Portable)

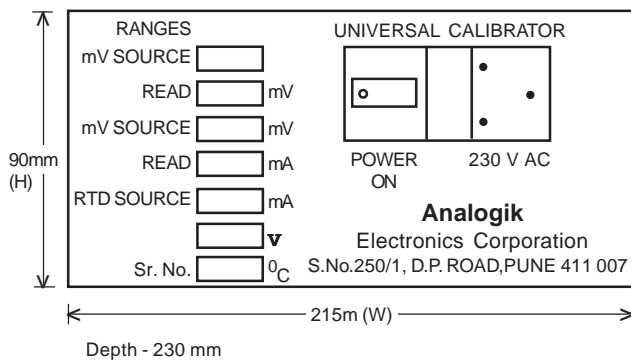
FUNCTIONAL DESCRIPTION

- 1 Power on switch - Powers the instruments with indication.
 - 2 Coarse & Fine Pot - Both the potentiometers are multiturn helipot & used to adjust the correct value on display.
 - 3 Res. Adjust Pot - Multi turn Helipot to adjust the correct value of resistance.
 - 4 Read / Source Switch - Push to ON switch. When in press condition parameters will be in READ mode when unpress mV / mA in source mode.
 - 5 mV / mA switch - This switch selects the parameter mV or mA either read or source.
 - 6 RTD Switch - When this switch is pressed display shows temp. in $^{\circ}\text{C}$ and as per resistance chart (DIN - 43760) corresponding resistance will be source when switch is relased.
- When switch is in press condition output at R and B/C terminals is in open (infinity resistance) mode.
- 7 Display - Green, 1/2" height, common to read all the parameters

CALIBRATION EQUIPMENTS

- 1 mV / mA Source
- 2 RTD Simulators
- 3 mV Source
- 4 P^H Simulator
- 5 Conductivity Simulator
- 6 RTD Simulator with Indication
- 7 Portable Thermocouple Calibrator
- 8 Loop Analyser

DIMENSIONAL & ELECTRICAL CONNECTIONS



ANALOGIK ELECTRONICS CORPORATION

REGD. OFFICE :

S. NO. 250/1, D. P. ROAD, Sharda Park,

BANER, PUNE - 411 007, INDIA

TEL. - (020) 25888688 TELEFAX - (020) 25888688

E-mail - analogik@vsnl.com

AREA REPRESENTATIVE