



**SPECTRONICS INDIA**

AN ISO 9001:2015 &  
CE CERTIFIED COMPANY

# SI-146A

**MICROPROCESSOR pH/mV  
TEMP. METER**

The SI-146A is an advanced microprocessor based pH/mV bench meter that is easy to operate, precise and inexpensive making it perfect for Quality Control laboratory applications, as well as a wide range of other measurement applications.

The SI-146A performs pH, mV and temperature measurements, and the LCD display shows pH (or mV) or temperature values. It come equipped with 3 memorized buffers for pH calibration (pH 4.00, 7.00 and 9.20) and the automatic recognition system eliminates calibration error. The user is guided through the calibration process with simple instructions with on the display.

## SALIENT FEATURES

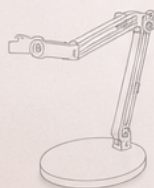
**MODEL: SI-146A**

**MEASUREMENT : pH, mV & TEMPERATURE**

-  NEW BENCH TOP DESIGN
-  16x2 LCD DISPLAY
-  AUTOMATIC CALIBRATION
-  2 POINT / 3 POINT STANDARD CALIBRATIONS
-  ATC FACILITY

## ACCESSORIES

- Combination pH Electrode
- Temp. Probe
- Buffer 4pH & 7pH
- Dust Cover
- Stand for Electrode



## TECHNICAL SPECIFICATION

Model	146 A Table Model	
Display	16 x 2 LCD Display	
Range	pH	0 to 14.00
	mV	$\pm 399.9\text{mV} : \pm 2000\text{mV}$
	Temp.	0 to 120.0°C
Resolution	pH	0.01pH
	mV	0.1 ( $\pm 399.9\text{mV}$ ) : $1 \pm 2000\text{mV}$
Accuracy	pH	$\pm 0.01$
	mV	0.1 ( $\pm 399.9\text{mV}$ ) : $1 \pm 2000\text{mV}$
Temperature	Automatic/Manual	
pH Calibration	Automatic 2Point/3 Point memorized Buffer Value	
pH Electrode	Glass Body, Single junction, BNC Connector, 1m Cable (included)	
Temperature Probe	PT 100 with 1m Cable	
Input Impedance	$10^{12}$ Ohm	
Environment	0 to 50°C ; RH max 95%	
Power	220V $\pm 10\%$ 50 Hz with in-built stabilizer	
Dimensions	220 x 190 X 100mm	
Weight	1 Kg. Approx.	
	1 Kg. with Accessory 2 Kg. Approx.	