

# DIGITAL pH / REDOX METER - CL54 DELUXE

**NEW INTRODUCTION WITH 3 YEARS WARRANTY**



### ADDITIONAL UNMATCHED FEATURES

- \* Whether the pH Meter is 'OK' (or not / or is defective) can be checked without the electrode
- \* Compact Size, Ultra Light Weight with ABS Housing
- \* Illuminated rocker ON-OFF switch
- \* BNC terminator for moisture protection
- \* Mostly/ Majorly SMD components used
- \* Option for showing AP
- \* Modern packing
- \* Warranty 3 years

### REGULAR FEATURES

- \* Stable High Input Impedance Amplifier
- \* High Accuracy and Quick Response
- \* Redox measurement facility

### SPECIFICATIONS

- \* Range: 0 -14.00 pH,  $\pm 1999$  mV
- \* Accuracy:  $\pm 0.01$  pH  $\pm 1$  Digit,  $\pm 1$  mV  $\pm 1$  Digit
- \* Resolution: pH: 0.01 pH; mV: 1 mV
- \* Display: 3½ Digit 0.5" RED LED
- \* Input Impedance:  $10^{12}$  Ohms
- \* Temperature Compensation: 0-100°C Manual
- \* Power: 230V  $\pm 10\%$ , 50Hz
- \* Weight: 970 gms. (approx.)
- \* Approx. Dimension: 225 (W) x 60 (H) x 138 (D) mm

### STANDARD ACCESSORIES SUPPLIED WITH pH METER

- \* pH Electrode
- \* Buffer Solution of pH 7 & pH 4
- \* KCl Solution
- \* Electrode Stand
- \* Dust Cover
- \* Test Certificate

### OPTIONAL ACCESSORIES

Redox Electrodes & Redox Buffers for Redox measurements

**Note:** pH/ Redox measuring electrodes are essential for the above specified model. Brief details on part of our pH/ Redox Electrodes is given below. We recommend Combination pH Electrode Cat. CA 11 for Laboratory and General applications.

## pH/ Redox Electrodes

	<b>CA11</b>	<b>CAPJ</b>	<b>MQPJ</b>
<b>Model</b>	<b>CA 11</b>	<b>CAPJ</b>	<b>MQPJ</b>
<b>pH/ mV Range</b>	0-14 pH	0-14 pH	$\pm 2000$ mV
<b>Temp. Range (°C)</b>	0-70	0-80	0-80
<b>Ref. Element</b>	Ag/ AgCl	Ag/ AgCl	Ag/ AgCl
<b>Junction</b>	Ceramic	Ceramic	Ceramic
<b>Electrolyte</b>	KCl	Gel	Gel
<b>Length &amp; Dia (mm)</b>	120 x 12	120 x 12	120 x 12
<b>Body Material</b>	Glass	Plastic	Plastic
<b>Connector</b>	BNC	BNC	BNC
<b>Zero Point</b>	pH=7.0 $\pm$ 0.20	pH=7.0 $\pm$ 0.20	N/A
<b>Membrane Shape</b>	Sphere	Sphere	Pt Spiral

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