

# DIGITAL pH / REDOX METER CL54+ DELUXE / CL46+ 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
- \* Temp. Compensation: 0-100°C Manual (only in CL54+)
- \* Temp. Compensation: 0-100°C Manual & Automatic (only in CL46+)
- \* Recorder Output: 100mV/ pH (only in CL46+)
- \* Dead Stop Titration Output: Polarization current output provided (only in CL46+)
- \* 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
- \* Automatic Temperature Compensator (only in CL46+ only)

**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

**CA11**



**CAPJ**



**MQPJ**



#### Model

**pH/ mV Range**  
**Temp. Range (°C)**  
**Ref. Element**  
**Junction**  
**Electrolyte**  
**Length & Dia (mm)**  
**Body Material**  
**Connector**  
**Zero Point**  
**Membrane Shape**

#### CA 11

0-14 pH  
0-70  
Ag/ AgCl  
Ceramic  
KCl  
120 x 12  
Glass  
BNC  
pH=7.0 $\pm$ 0.20  
Sphere

#### CAPJ

0-14 pH  
0-80  
Ag/ AgCl  
Ceramic  
Gel  
120 x 12  
Plastic  
BNC  
pH=7.0 $\pm$ 0.20  
Sphere

#### MQPJ

$\pm 2000$  mV  
0-80  
Ag/ AgCl  
Ceramic  
Gel  
120 x 12  
Plastic  
BNC  
N/A  
Pt Spiral