



pH METER

BIO PH-01

Complete Solution for Life Science Research

pH Meter (#BIO PH-01)



A pH meter represents the hydrogen ion concentration in pH units. A pH meter consists of a glass electrode and a read out screen. The glass electrode is made of very thin glass that establishes and measures the electrical potential difference between the analyte solution (the solution to be measured) and an internal reference. The electrical potential is then converted into a pH reading for the sample.



Technical Specification

Description	pH Meter (#BIO pH-01)
Technology	Microprocessor based
Display (Dual	4-digit green LED 0.56" (pH & mV) 2 Red 0.3" LED (Temperature)
pH Range:	0 to 14 pH
mV:	0 to ± 1999 mV
pH Resolution	0.01 pH
Repeatability	± 0.01 pH and ± 1 mV
pH Accuracy	0.01 pH ± 1 digit
pH Input	Combined electrode with BNC connector
Input impedance	$> 10^{12}$ Ohms
Temperature Compensation	Manual or Automatic 0 – 80°C
Parameter selection	Feather touch switches
Calibration	Two point manual calibration
Accessories	• Sealed gel-filled epoxy body, Ag/AgCl Electrode (Imported) • Temperature Probe (PT 100) • Buffer SET 7.0, 4.01, 9.20 (For calibration) • SS Electrode Stand & Power chord

Ordering Information

Cat#	Description	Qty
BIO PH-01	pH Meter 0 to 14 pH	1 No

BIO WORLD

1247, 6th Main, 5th Stage, 1st Phase, B.E.M.L Layout , R.R Nagar, Bangalore – 560098

Website: www.bioworldproducts.com ; Email : info@bioworldindia.in

Mobile: +91-9591779325,7760658542,9448351365