



Mayura Analytical LLP

Specialists in Analytical Instrumentation

Microcontroller Based pH Meter Model PC 501

Who we are

Mayura Analytical LLP is a leading organisation in analytical instrumentation that provides solutions to research institutions and industries to diagnose and resolve their analytical needs. Our pioneering products are made in India for the Indian market and beyond since our inception in 1984. We are widely acknowledged for our approach to chemical analysis and to customer troubleshooting. As recognised suppliers of analytical equipment to the **Indian Institute of Science (IISc), Bangalore and Indian Institute of Technology (All India)**, preeminent research and technology institutions of India as well as large industries such as **BIOCON**, we have cemented our standing in the market with our cutting edge expertise and solution focussed approach.

Features

- A high precision 5 point calibration of pH / mV Meter
- Industry standard NIST and CUST
- Data storage on the pH Meter and Computer
- Computer connectivity through a RS 232
- Auto date and time increment and display
- Auto buffer selection
- SLOPE definition for each set of buffers



Specifications

pH Range	0 - 14 pH
Resolution	± 0.01 pH
Accuracy	± 0.01 pH
Calibration	5 Points / NIST – 1.68, 4.01, 6.86, 9.18, 12.45 buffers

Chemlabs is an associate firm of Mayura Analytical LLP

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CUST – User Settable, 5 buffers

mV Range	1000 to +1000 mV
Resolution	±0.1 mV
Accuracy	± 0.1 mV (upto 199.9 mV); 1 mV (for above 200 mV)
Temperature Correction	Auto Temperature Correction with built-in or built-out temperature probe. Manual Temperature correction
Computer Connectivity	RS-232 connection with Software for Data transfer, Review and Printout from Computer / Online monitoring of pH with Time and Date
Recorder Output	Analog signal output for Direct recording on a Recorder
Display	Multi-parameters (pH, mV, °C/°F) pH Value, mV Value, Degree Centigrade (°C), Degree Fahrenheit (°F)
Electrode	pH Combination Type, Option for Reference Electrode, Self Diagnosis for Auto indication for Electrode Status, Built-in Temperature Probe

Software specifications

Continuous Graphical Representation of pH, mV and Temp

User Selectable Sampling Data recording interval

Histogram representation of pH, mV and TpH with standard deviation over a time frame

Statistical presentation with date and time

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