



Mayura Analytical LLP

Specialists in Analytical Instrumentation

Combined Bench Top Meter Model PC 505

pH, ORP, TDS, Conductivity and Salinity Meter

Who we are

Mayura Analytical LLP and Chemlabs are leading organisations in analytical instrumentation that provide 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

- Multi Display PH / mV or Conductivity or TDS or Salt with Temp
- Auto or Manual Range For COND., TDS & Salinity
- Measurement Collect data via RS232 by linking with a PC
- Real time basis automatic buffer recognition
- Maximum 5 points calibration (pH, COND, TDS)
- Convenient to view calibration info of probe



General Specifications

Display	LCD 40 x 105 mm
Power Requirement	Adaptor, 9 VDC <10mA
Operating Temperature	5 to 40°C
Operating RH	Up to 95% without condensation
Storage Temperature	-20 to 60°C

Chemlabs is an associate firm of Mayura Analytical LLP



Mayura Analytical^{LLP}

Specialists in Analytical Instrumentation

Storage RH Up to 95% without condensation

Weight 150g (meter only)

Dimension 217 x 168 x 58 mm (L x W x H)

Operating Specifications

Measure	pH	ORP	Conductivity	TDS	Salt (Based on NaCl)
Range	0.00 ~ 14.00 pH	-1999 ~ +1999 mV	3 ~ 19.99 μ S 3 ~ 199.9 μ S 3 ~ 1999 μ S 0 ~ 19.99 mS 0 ~ 199.9 mS	0 ~ 19.99 ppm 0 ~ 199.9 ppm 0 ~ 1999 ppm 0 ~ 19.99 ppt 0 ~ 199.9 ppt	0 ~ 11.38 ppt 0 ~ 80.0 ppt
Resolution	0.01 pH	0.1 mV (-199.9 ~ +199.9) 1 mV (others)	0.01 μ S 0.1 μ S 1 μ S 0.01 mS 0.1 mS	0.01 ppm 0.1 ppm 1 ppm 0.01 ppt 0.1 ppt	0.01 ppt 0.1 ppt
Accuracy	\pm 0.02 pH	\pm 0.02 mV (-199.0 ~ +199.9 mV) \pm 2mV (others)	\pm (1% FS + Digit)	\pm (1% FS + Digit)	\pm (1% FS + Digit)
ATC or MTC	Yes		Yes	Yes	Yes
pH Slope / Offset Display	Yes				
Slope Alarm	Out of 75% to 115%				
Offset Alarm	Out of \pm mV				
Conductivity Cell Constant			1.0		
TDS Conversion Factor				0.300 ~ 1.000	Non-Linear Compensation

Chemlabs is an associate firm of Mayura Analytical LLP

W: mayuraanalytical.com, E: sales@mayuraanalytical.com