



"Where Legacy Drives Innovation"

BLACKPEARL™
SERIES

TP Smart™

WIRELESS pH
MEASUREMENT

BATTERY OPERATED
& USB 2.0



WIRELESS pH MEASUREMENT

1. Measurement of pH
2. Auto buffer recognition
3. Simple user-friendly instructions for 1/2/3/5 point pH calibrations
4. Auto / Manual Storage of pH, Temp., Date, Time & Location (GPS enable)
5. Real-time Clock
6. Real-time pH graphs
7. CE compliant
8. Display the last calibration data with slope indication.
9. Auto Shut Off
10. One-click data transfer to Excel, WhatsApp, etc.

S. No	Parameter	Value
1	pH Range	0-14
2	Resolution	0.1 / 0.01 / 0.001 pH (Selectable)
3	Accuracy pH	± 0.03 pH
4	Temperature Compensation	0-100 °C (Manual)
5	Calibration	1/2/3/5 Point Calibration (selectable)
6	Connectivity	Bluetooth 5.0 / 4.2 (BLE)
7	Range	50 meters
8	Battery (Rechargeable & USB Charged)	500 mA, 5 Days Backup
9	Logging / Storage	2000 real time storage point 2000 manual storage point
10	Storage Information	pH, Temp, Date & Time, Location (GPS enabled)
11	Clock	Real Time Clock Support
12	Data Storage Interval	2 Sec - 300 Sec (User Configurable)
13	Indication	Multi Color LED Real Steady on Reset / Powered on Red Blinking waiting for connection Green Blinking connection established Blue Data Downloading Dark Pink, Device Charged Light Yellow Device Charging Remaining Battery % indication on Phone / Tablet
14	Response	3-4 Sec.(for 90% response)
15	Graphical User Interface (GUI)	Android 5.0 above Data transfer (Device to App in Csv format) Device Calibration Device Settings Battery Status