

# VIKING-PHBC – Laboratory Benchtop pH Meter



COLA LabExperts  
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# VIKING pH Meters Global Configuration

pH Meter Type	<u>VI</u> <u>KI</u> <u>N</u> <u>G-</u> <u>P</u> <u>H</u> <u>PE</u> <u>C</u>	<u>VIKIN</u> <u>G-</u> <u>PHBA</u>	<u>VIKIN</u> <u>G-</u> <u>PHPO</u> <u>C</u>	<u>VIKIN</u> <u>G-</u> <u>PHCO</u> <u>POC</u>	<u>VIKIN</u> <u>G-</u> <u>PHD</u> <u>OPO</u> <u>C</u>	<u>VIK</u> <u>IN</u> <u>G-</u> <u>PH</u> <u>BC</u>	<u>VIK</u> <u>IN</u> <u>G-</u> <u>PH</u> <u>CO</u> <u>BC</u>	<u>VIK</u> <u>IN</u> <u>G-</u> <u>PH</u> <u>DO</u> <u>BC</u>	<u>VIK</u> <u>IN</u> <u>G-</u> <u>M</u> <u>UB</u> <u>C</u>	<u>VIK</u> <u>IN</u> <u>G-</u> <u>PH</u> <u>BT</u>	<u>VIK</u> <u>IN</u> <u>G-</u> <u>PH</u> <u>CO</u> <u>BT</u>	<u>VIK</u> <u>IN</u> <u>G-</u> <u>PH</u> <u>DO</u> <u>BT</u>	<u>VIK</u> <u>IN</u> <u>G-</u> <u>M</u> <u>UB</u> <u>T</u>	<u>VIK</u> <u>IN</u> <u>G-</u> <u>PH</u> <u>TC</u>	<u>VIK</u> <u>IN</u> <u>G-</u> <u>PH</u> <u>CO</u> <u>TC</u>
pH Type	Pen	Bench	Portabl e	Portabl e	Portabl e	Benc h	Benc h	Benc h	Benc h	Benc h	Benc h	Benc h	Benc h	Table t	Table t
Outdoor Possibility	•	•	•	•	•									•	•
pH Meter	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
pH/Cond Meter				•			•		•		•		•		•
pH/DO Meter.					•			•				•			
pH/Cond/DO Meter								•					•		
Touch Screen									•	•	•	•	•		
USB Output						•	•	•	•	•	•	•	•	•	•
Bluetooth Option						•	•	•	•	•	•	•	•		
Temperature Sensor			•	•	•					•	•	•	•		
pH composite electrode			•	•	•					•	•	•	•		
Three in One Electrode*						•	•	•	•	•	•	•	•	•	•

\*Electrode: 3-in-1 glass pH electrode with integrated temperature sensor

## COLO VIKING-PHBC Benchtop pH Meter

- 6.5-inch LCD screen with friendly-use interface
- Automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis...
- Temperature compensation with the simple touch of a button
- It supports wireless blue tooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
- Smart electrode status display to ensure accurate use.
- Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST, Support 1, 2, 3 point calibration with stability indicator, driven by software.

- Can store 2000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.
- 3-in-1 glass electrode with integrated temperature sensor (Glass electrode combined, rechargeable, with BNC connector, single junction, reference electrolyte KCL 3.5M, membrane shape spherical, temperature from 0 to 70°C, max pressure 0.1 bar, minimum coaxial cable length 1m, shaft length 120mm and diameter 12mm)

Type	VIKING-PHBC	
pH	Measurement range	(-2.000 ~ 18.000)pH
	Resolution	0.01 pH
	Accuracy	Electrode : ±0.01 pH
	Input current	≤2×10 <sup>-12</sup> A
	Input impedance	≥1×10 <sup>12</sup> Ω
	Stability	±0.01 pH/3h
	Temperature compensation	(-20 ~ 120)°C, auto; or manual without temperature sensor
mV	Measurement range	(-1999.00 ~ 1999.00) mV
	Resolution	0.1 mV
	Accuracy	±0.2 mV
Temperature	Range	(-9,9 ~ 120)°C
	Resolution	0.1°C
	Accuracy	±0.4°C
Calibration	1, 2, 3 point, auto (with 7 stored buffers)	
Buffer	Europe & USA, NIST, standards	
Other Parameters	Display	6,5-inch LCD screen
	Data storage	2000 sets
	Power	12 V (110-220, 50-60 Hz adapter)
	Communication interface	USB, RS232, Bluetooth (optional)
	Dimensions&Weight	230×160×95mm/600g
Working Conditions	Temperature	5 ~ 40 °C
	Humidity	5-85%
	IP grade	IP54
Meter Kits	pH meter	
	Electrode holder mounted on the instrument	
	3-in-1 glass pH electrode with integrated temperature sensor	
	pH buffer solution (pH 4.01, 7.01, 10.01)	
	Power adapter	

Please note

If this pH Meter does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

## **COLO LabExperts**

Laboratory Equipment Production and Distribution

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