

VIKING-PHCOPOC – Portable pH/Cond. Meter Set



VIKING pH Meters Global Configuration

pH Meter Type	VIKING-PHPEC	VIKING-PHBA	VIKING-PHPOC	VIKING-PHCOPOC	VIKING-PHDOPOC	VIKING-PHBC	VIKING-PHCOBC	VIKING-PHDOBC	VIKING-MUBC	VIKING-PHBT	VIKING-PHCOBT	VIKING-PHDOBT	VIKING-MUBT	VIKING-PHTC	VIKING-PHCOTC
pH Type	Pen	Bench	Portable	Portable	Portable	Bench	Bench	Bench	Bench	Bench	Bench	Bench	Bench	Tablet	Tablet
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			●	●	●					●	●	●	●		
Two in One Electrode*						●	●	●	●	●	●	●	●	●	●

*Electrode consist: pH combination Electrode and Temperature Probe

VIKING-PHCOPOC Technical Specification

- Large LCD screen with controllable white backlight
- Built-in microprocessor chip has intelligent functions such as automatic calibration, ATC, data storage, function setting, auto-diagnosis, auto power off, and under voltage prompt...
- Auto recognition of 13 buffers with three kinds of options: Europe & USA, NIST
- Can setup pH measurement modes of high purity water and ammonia added pure water

- Automatic recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA,
- Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5uS/cm-200mS/cm
- Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision for the full range.
- Conductivity mode has the function of non-linear temperature compensation for high purity water
- Grade IP57 and equipped with suitcase for outdoor purpose.

Type	VIKING-PHCOPOC	
pH	Measurement range	(-2.000 ~ 19.999)pH
	Resolution	0,1/0,01 pH
	Accuracy	Meter:±0.01pH; Overall: ±0.02pH
	Input current	≤2×10 ⁻¹² A
	Input impedance	≥1×10 ¹² Ω
	Stability	±0.01 pH/3h
	Temperature compensation	(0~100)°C (Auto/manual)
mV	Measurement range	(-1999,00 ~ 1999,00) mV
	Resolution	1 mV
	Accuracy	±0.1% FS
Conductivity	Measuring Range	(0.00~19.99)μS/cm
		(20.0~199.9)μS/cm
		(200~1999)μS/cm
		(2.00~19.99)mS/cm
		(20.0~199.9)mS/cm
		TDS:(0~100)g/L
		Salinity:(0~100)ppt
	Resistivity:(0~100)MΩ·cm	
	Resolution	0.01/0.1/1μS/cm; 0.01/0.1 mS/cm
	Accuracy	±1.0% FS, Overall:±1.5% FS
Temp. compensation range	(0~100)°C(Auto/manual)	

	Electrode constant	0.1 / 1 / 10 cm-1
Other Technical Parameters	Data storage	200 sets
	Power	Two AA batteries (1.5V x2)
	Shipping size/G.W.	(380×100×300)mm/1Kg
Working Condition	Ambient temperature	5~35 °C
	Ambient humidity	≤85%
	IP grade	IP57 Dustproof and waterproof
Calibration		1, 2, 3 point, auto
Buffer	Europe & USA, NIST, standards	
Meter Kits	pH & Conductivity meter	
	pH composite electrode	
	Temperature electrode	
	Conductivity electrode (K=1)	
	pH buffer solution	
	Instruction manual	
	Suitcase	

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

www.colo.si

Presernov Trg 9, 8000 Novo Mesto
Slovenia

Tel. +386 590 48 880 Email: office@colo.si