



## VIKING100 Laboratory pH meter with digital electrode and electrode holder

Download  
Catalogue



### LCD/7" coloured screen

Resolution 1024\*600 with backlight,



### Auto recognition of 18 to 44 buffers



### Wi-Fi Control by Smart Phone

Support wireless Bluetooth printing. Real-time data transfer to mobile phone via Bluetooth (optional)



### Support 1 to 5 or 9-point calibration



### 1000 sets of test data storage

#### COLO VIKING-PHBT Benchtop pH Meter

- 7" coloured screen with high resolution (1024\*600) and sensitivity
- Electrode Built-in microprocessor chip has intelligent functions such as automatic calibration, ATC, and self-diagnosis slope information,..
- Support wireless Bluetooth printing. Real-time data transfer to mobile phone via Bluetooth is optional.
- Smart digital electrode status display to ensure accurate use.
- DHS compatibility
- Calibration report indicate digital electrode slope status, buffers used for calibration,
- Auto recognition of 18 to 44 buffers with three kinds of options: Europe & USA, NIST
- Support 1 to 5 or 1-to-9-point calibration.
- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel

Type		VIKING100	VIKING101	VIKING102
Grade		0.01	0.01	0.001
Display		5.0' LCD screen	5'0-inch colour touch-screen	
Measurement Mode		pH/mV(ORP)	pH/mV(ORP)/Rel.mV	
ORP calibration		1 point		
ORP resolution		1mV		
pH	Range	0.00~16.00	-2.00~20.00	-2.000~20.000
	Resolution	0.01	0.01	0.001
	Accuracy	±0.01	±0.01	±0.02
mV	Range	-1999.9~1999.9	-2000.0~2000.0	-2000.00~2000.00
	Resolution	0.1	0.1	0.01
	Accuracy	±1(±0.05%F.S)	±1(±0.05%F.S)	±0.1(±0.005%F.S)
Temp	Range	-30.0~105.0 °C (ATC/MTC)	-30.0~105.0 °C (ATC/MTC)	-30.0~135.0 °C (ATC/MTC)
	Resolution	0.1 °C	0.1 °C	0.1 °C
	Accuracy	±0.2 °C	±0.2 °C	±0.1 °C
Calibration		Auto temperature compensation; Built-in 4 buffer groups (18 buffer), auto recognition USA, NIST; 1-5 (two custom) points calibration.	Auto temperature compensation; Built-in 5 buffer groups(25 buffer), auto recognition; 1~5 points, support self-defined buffer; Calibration reminder (1-1000 hours)	Auto temperature compensation; Built-in 9 buffer groups(44 buffer), auto recognition; 1~9 points, support self-defined buffer; Calibration reminder (1-1000 hours) ;
Digital pH electrode		3 in 1 integrated temperature probe, epoxy gel filled with ceramic membrane 120x12mm, T 0-60°C		
Database		500 measurements	1000 measurements, Conforms to GLP requirement	2000 measurements; 10 x10 calibration data conforms to GLP requirement
Data Transfer		RS232, Optional with printer	RS232, USB, Optional with printer	
Endpoint Mode		Auto/Manual	Auto/Manual	Auto/Manual/Time
Extensions		None	Continuous measurement mode; Dynamic curve display: pH vs No./mV vs No	
Measuring stability		Low/Medium/High		
pH Input		BNC port, Impédance>10e+12Ω		
Working temperature range		10°C to 45°C		
Class protection		IP54		
Power supply		110-240V		
Temp Input		NTC, 30KΩ		
Housing		250X165X65mm		

Please note

If this Instrument 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 E-mail: office@colo.si

[www.colo.si](http://www.colo.si)

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