VIKING-CONDBC Benchtop Conductivity Meter with electrode and electrode holder

Download Catalogue

6.5" LCD screen

Auto recognition of 8 conductivity standards solution

Wi-Fi Control by Smart Phone

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

1000 sets of test data storage

COLO VIKING-CONDBC Benchtop Conductivity Meter

- 6.5" LCD multifunction screen with concise and friendly-use interface
- Built-in microprocessor chip has intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function setting, wireless printing, and self-diagnosis information...
- Support wireless Bluetooth printing. Real-time data transfer to mobile phone via Bluetooth is optional
- Smart electrode status display to ensure accurate use
- Adopt advanced conductivity measure technology, with conductivity electrode, it can meet measuring accuracy requirement for range of 0.5µS/cm ~ 200mS/cm
- Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full range
- With ATC conductivity electrode, Its measurement result is fast and precise
- Auto recognition of 8 conductivity standards solution with two kinds of options: Europe & USA, NIST
- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel
- According to standards: EC 2004/108/EC, EN 61326-1, EN 61000-3-2, EN 61000-3-3, FCC Class A
- Instrument safety according to: EC 2006/95/EC, EN61010-1, ANSI/UL 61010-1, CAN/CSA-C22.2 No61010-1

VIKING Meter Type	PHPEC	PHBA	PHPOC	PHCOPOC	PHDOPOC	PHBC	PHCOBC	PHDOBC	MUBC	PHBT	PHCOBT	PHDOBT	MUBT	PHTC	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*						●	●	●	●	●	●	●	●	●	●

Type		VIKING-CONDBC
Conductivity	Measurement range	(0.00 ~ 20.00) µS/cm K=0.1 cm-1 (00.000 ~ 1.999) µS/cm K=0.01 cm-1 (00.0 ~ 1000)mS/cm ±0.5% of value (2.00 ~ 20.00)mS/cm (20.0 ~ 200.0)mS/cm TDS: (0 ~ 1999)mg/L Salinity: (0 ~ 100)ppt Resistivity: (0 ~ 100)MΩcm
	Resolution	0.01/0.1/1 µS/cm; 0.01/0.1 mS/cm
	Accuracy	±0.5% of value
	Cell constants	0.800-0.880 cm^{-1} 0.450-0.500 cm^{-1} 0.250-2.500 cm^{-1} adjustable 0.090-0.110 cm^{-1} adjustable 0.010 cm^{-1} fixed
	Calibration	Automatic
	Reference Temp.	25℃, 20 ℃, 18 ℃
Temperature	Range	(-10 ~ 110)℃
	Resolution	0,1℃
	Accuracy	±0.1°C
	Compensation	nLF, linear, 0.000 to 3.000%/K, (can be disabled)
Display		6.5-inch LCD screen multifunction
Data storage		1000 sets
Power		12 V (110-220, 50-60 Hz AC adapter)
Communication interface		USB, RS232, Bluetooth (optional)
Dimensions & Weight		240×170×70mm/600g
Buffer	Europe & USA, NIST, standards	
Working Conditions	Temperature	5 ~ 35 ℃
	Humidity	≤80%
	Protection class	III/IP43 according to EN60529
Meter Kits	Conductivity Meter	
	Two-in-one electrode that consists of Platinum black electrode and temperature probe	
	Instruction manual	
	Electrode holder	
	Power adapter	

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.

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