

# pH/ORP measurements made easy

pH

## Meter Specifications

Models		EcoScan Palmtop Single Display			CyberScan Portable Dual Display				
		pH 5	pH 6	Ion 6	pH 11	pH 110	pH 300	pH 310	
Measuring Parameter		pH/°C	pH/mV/°C	Ion/pH/mV/°C	pH/mV/°C	pH/mV/°C/°F	pH/mV/°C	pH/mV/°C/°F	
Highlights		Economical pH measurement	Economical pH, ORP measurement	Economical Ion, pH, ORP measurement	Standard Portable	Expanded memory, RS232 output	Waterproof Portable	Waterproof, GLP	
pH	Range	0.00 to 14.00 pH			-2.00 to 16.00 pH				
	Resolution					0.01 pH			
	Accuracy					±0.01 pH			
	Calibration Points	Up to 3			Up to 5	Up to 6 (using DIN)	Up to 5	Up to 6 (using DIN)	
	Buffer Sets	USA, NIST, PWB			USA, NIST	USA, NIST, DIN, PWB	USA	USA, NIST, DIN	
Ion	Range	—	—	0.01 - 0.99/ 1.0 - 199.9/ 200 - 1999 ppm	—				
	Resolution	—	—	0.01, 0.1, 1 ppm	—				
	Accuracy	—	—	±1% Full Scale	—				
	Calibration Points	—	—	Up to 3	—				
Temperature	Range	0.0 to 100.0°C			-10 to 110°C				
	Resolution					0.1°C			
	Accuracy					±0.5°C			
mV	Range	—	±1000 mV	±500 mV	-199.9 to +199.9 mV, ±1999 mV				
	Resolution	—	1 mV	0.1 mV (±199.9) 1 mV (beyond)	0.1 mV (±199.9) 1 mV (beyond)				
	Accuracy	—	±2 mV	±0.2 mV (±199.9) ±2 mV (beyond)	±0.2 mV (±199.9) ±2 mV (beyond)				
Meter Features	Temperature Compensation	ATC/MTC (0 to 100°C)							
	Memory	No			50 data sets	100 data sets	16 data sets	50 data sets	
	Auto-off	After 20 minutes from last key operation							
	Date/Time Stamp (GLP)	—						Yes	
	Inputs	BNC, 2.5 mm phono socket			DC socket, BNC, 2.5 mm phono socket		6 pin connector, BNC		
	RS232C Output	No			Yes		No		
	Power Requirements	4 x 1.5V 'AAA' Alkaline Batteries			4 x 1.5V 'AAA' Alkaline Batteries or 9V DC Adapter, 200 mA		4 x 1.5V 'AAA' Alkaline Batteries		
	Battery Life	> 200 hours			> 700 hours		> 200 hours		
	Waterproof/Dustproof (IP67)	No					Yes		
Dimensions (LxWxH) Weight (cm/g)	Unit Only	14 x 17 x 3.5 cm; 200 g			18 x 9 x 4 cm; 220 g		19 x 10 x 6 cm; 320 g		
	Boxed	24 x 17 x 8 cm; 550 g			24 x 23 x 7 cm; 600 g		24 x 23 x 7 cm; 700 g		

Order Code.	Item
EC-PH5/02K	EcoScan pH 5 Palmtop pH Meter with pH electrode, ATC & EcoScan pH carry kit set (EC-ECOPH-KIT)
EC-PH6/02K	EcoScan pH 6 Palmtop pH/mV Meter with pH electrode, ATC & EcoScan pH carry kit set (EC-ECOPH-KIT)
EC-ION6/02K	EcoScan Ion 6 Palmtop Ion/pH/mV Meter with pH electrode, ATC & EcoScan pH carry kit set (EC-ECOPH-KIT)
EC-PH11/02K	CyberScan pH 11 Portable pH/mV Meter with pH electrode, ATC, 2 electrode holders & CyberScan pH carry kit set (EC-PHWP-KIT)
EC-PH110/02K	CyberScan pH 110 Portable pH/mV/RS232 Meter with pH electrode, ATC, 2 electrode holders, DAS software, RS232C cable & CyberScan pH carry kit set (EC-PHWP-KIT)
EC-PHWP300/02K	Waterproof CyberScan pH 300 Portable pH/mV Meter with pH electrode, ATC, 2 electrode holders and CyberScan pH carry kit set (EC-PHWP-KIT)
EC-PHWP310/02K	Waterproof CyberScan pH 310 Portable pH/mV Meter with pH electrode, ATC, 2 electrode holders and CyberScan pH carry kit set (EC-PHWP-KIT)
EC-ECOPH-KIT	EcoScan pH Carry Kit Set – EcoScan Plastic Carry Case comprises: 1 x pH 4.01, pH 7.00, Storage solution and 1 x deionised (rinse) water
EC-PHWP-KIT	CyberScan pH Carry Kit Set – CyberScan Plastic Carry Case comprises 1 x pH 4.01, pH 7.00, Storage solution and 1 x deionised (rinse) water