
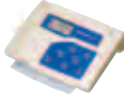
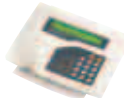
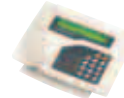

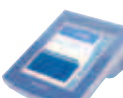



pH/ORP measurements made easy

pH

Meter Specifications

		CyberScan Economy Bench		CyberScan Deluxe Bench		CyberScan Premium Bench		
		pH 510	Ion 510	pH 1100	pH 2100	pH 1500	pH 6000	pH 6500
Measuring Parameter								
		pH/mV/°C	Ion/pH/mV/°C	pH/mV/°C/°F	pH/mV/Ion/°C/°F	pH/mV/°C/°F	pH/mV/°C/°F	pH/mV/Ion/°C/°F
Highlights		Dual display standard bench	Dual display with Ion readout	Back-lit dual display	Back-lit dual display with Ion concentration measurement	Extensive display, (with pH FET)	Windows® CE single channel colour touchscreen, (with pH FET)	Windows® CE dual channel colour touchscreen, (with pH FET)
pH	Range	0.00 to 14.00 pH		-1.000 to 14.000 pH		-1.999 to +19.999 pH	-2.000 to +20.000 pH	
	Resolution	0.01 pH		0.01/0.001 pH		0.1/0.01/0.001 pH		
	Accuracy	±0.01 pH		±0.01/0.002 pH		±0.1/0.01/0.002 pH		
	Calibration Points	Up to 3		Up to 5		Up to 6	Up to 5	
	Buffer Sets	USA, NIST		USA, NIST, custom		USA, NIST, Euro, custom		
Ion	Concentration	—	0.01 to 1999 ppm	—	0.001 to 19999 ppm	—	—	1 x 10 ⁻⁷ to 9.99 x 10 ¹⁰ ppm
	Resolution	—	0.01, 0.1, 1 ppm	—	0.001, 0.01, 0.1, 1 ppm	—	—	2/3 or 4 digits
	Accuracy	—	±0.5% of full scale (monovalent) ±1% of full scale (divalent)	—	±0.5% of full scale (monovalent) ±1% of full scale (divalent)	—	—	±0.17% of full scale (monovalent) ±0.34% of full scale (divalent)
	Calibration Points	—	Up to 3	—	Up to 5	—	—	Up to 5
Temperature	Range	0.0 to 100.0 °C			-5.0 to 105.0 °C			
	Resolution	0.1 °C						
	Accuracy	±0.3 °C			±0.2 °C		±2000.0 mV	
mV	Range	±1999 mV		±1850.0 mV		±2000.0 mV		
	Resolution	0.1 mV (±199.9 mV) / 1 mV (Beyond)		0.1 mV				
	Accuracy	±0.2 mV (±199.9 mV) / 2 mV (Beyond)		±0.2 mV				
Meter Features	Temperature Compensation	ATC/MTC (0 to 100°C)						
	Memory	50 data sets		100 data sets			> 3000 data sets per user login	
	Date/Time Stamp (GLP)	No		Yes		No		Yes
	Input	DC Socket, BNC, phono		DC Socket, BNC, phono		DC Socket, BNC phono, DIN connector	DC socket, DIN connector, BNC SD reader, USB, RJ45, phono	
	Output	Recorder		Recorder, RS232C		RS232C	USB, IRDA, RS232C	
	Power Requirements	9V DC Adapter, 300 mA (100/240 VAC, SMPS)					12V DC Adapter, 300 mA (100/240 VAC, SMPS)	9V DC Adapter, 3.3 A (100/240 VAC, SMPS)
Dimensions (LxWxH)	Unit Only	23 x 18 x 6 cm 750 g		23 x 18 x 6.3 cm 850 g		18 x 23 x 6 cm 950 g	16.5 x 23.5 x 8.9 cm 1100 g	
	Weight (cm/g) Boxed	40 x 26 x 9 cm 1400 g					40 x 26 x 9 cm 1600 g	49 x 28 x 16 cm 3700 g

Order Code.	Item
EC-PH510/41S	CyberScan pH 510 Bench pH/mV Meter with ATC probe, integral electrode holder & SMPS power adapter
EC-ION510/41S	CyberScan Ion 510 Bench Ion/pH/mV Meter with ATC probe, integral electrode holder & SMPS power adapter
EC-PH1100/41S	CyberScan pH 1100 Bench pH/mV RS232C Meter with DAS, RS232C cable, ATC probe, integral electrode holder & SMPS power adapter
EC-PH2100/41S	CyberScan pH 2100 Bench Ion/pH/mV RS232C Meter with DAS, RS232C cable, ATC probe, integral electrode holder & SMPS power adapter
EC-PH1500/41S	CyberScan pH 1500 Bench pH/mV/RS232C Meter with DAS, RS232C cable, ATC probe, integral electrode holder & SMPS power adapter
EC-PH6000/42S	CyberScan pH 6000 Bench pH/pH FET/mV USB, RJ 45, IrDA, SD card reader, RS232C Meter with pH electrode, ATC probe, integral electrode holder, pH buffer sachets & SMPS power adapter
EC-PH6500/42S	CyberScan pH 6500 Bench pH/pH FET/Ion/mV USB, RJ 45, IrDA, SD card reader, RS232C Meter with pH electrode, ATC probe, integral electrode holder, pH buffer sachets & SMPS power adapter