
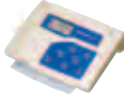
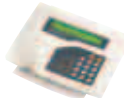
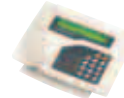

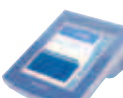



# pH/ORP measurements made easy

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	
<b>Measuring Parameter</b>									
		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	
<b>Highlights</b>		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)	
<b>pH</b>	<b>Range</b>	0.00 to 14.00 pH		-1.000 to 14.000 pH		-1.999 to +19.999 pH	-2.000 to +20.000 pH		
	<b>Resolution</b>	0.01 pH		0.01/0.001 pH		0.1/0.01/0.001 pH			
	<b>Accuracy</b>	±0.01 pH		±0.01/0.002 pH		±0.1/0.01/0.002 pH			
	<b>Calibration Points</b>	Up to 3		Up to 5		Up to 6	Up to 5		
	<b>Buffer Sets</b>	USA, NIST		USA, NIST, custom		USA, NIST, Euro, custom			
<b>Ion</b>	<b>Concentration</b>	—	0.01 to 1999 ppm	—	0.001 to 19999 ppm	—	—	1 x 10 <sup>-7</sup> to 9.99 x 10 <sup>10</sup> ppm	
	<b>Resolution</b>	—	0.01, 0.1, 1 ppm	—	0.001, 0.01, 0.1, 1 ppm	—	—	2/3 or 4 digits	
	<b>Accuracy</b>	—	±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)	
	<b>Calibration Points</b>	—	Up to 3	—	Up to 5	—	—	Up to 5	
<b>Temperature</b>	<b>Range</b>	0.0 to 100.0 °C		-5.0 to 105.0 °C					
	<b>Resolution</b>	0.1 °C							
	<b>Accuracy</b>	±0.3 °C		±0.2 °C			±2000.0 mV		
<b>mV</b>	<b>Range</b>	±1999 mV		±1850.0 mV			±2000.0 mV		
	<b>Resolution</b>	0.1 mV (±199.9 mV) / 1 mV (Beyond)		0.1 mV					
	<b>Accuracy</b>	±0.2 mV (±199.9 mV) / 2 mV (Beyond)		±0.2 mV					
<b>Meter Features</b>	<b>Temperature Compensation</b>	ATC/MTC (0 to 100°C)							
	<b>Memory</b>	50 data sets		100 data sets		10,000 data sets			
	<b>Date/Time Stamp (GLP)</b>	No		Yes		No		Yes	
	<b>Input</b>	DC Socket, BNC, phono		DC Socket, BNC, phono		DC Socket, BNC phono, DIN connector	DC socket, DIN connector, BNC SD reader, USB, RJ45, phono		
	<b>Output</b>	Recorder		Recorder, RS232C		RS232C	USB, IRDA, RS232C		
	<b>Power Requirements</b>	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)	
<b>Dimensions (LxWxH)</b>	<b>Unit Only</b>	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		
	<b>Weight (cm/g) Boxed</b>	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-PH510/42S	CyberScan pH 510 Bench pH/mV Meter with pH electrode ECFC7252101B, 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