

Featuring a large, comprehensive screen with simultaneous display of electrode status, calibration information, temperature and pH or ion measurements at 3-digit resolution! The CyberScan pH 600 comes with advanced wireless communication technology – no wires, no cables. Simply send data from meter to PC with the press of a button.



IrDA wireless communication

Comprehensive one-glance-tells-all screen display with backlight

Sturdy rubber boot with hinge doubles up as bench top stand



Electrode inputs



Wireless data transfer



Waterproof external power input



Complimentary CyberComm software – download data from meter to PC as text or Excel® spreadsheet

CyberScan pH 600 ; CyberScan pH 610 ; CyberScan pH 620
pH/ORP/Ion/°C/°F
pH/ORP/°C/°F
pH/ORP/°C/°F

Higher Resolution & Accuracy

- High accuracies of up to ± 0.002 at resolution expandable to 3-decimal places
- Cal-due alarm prevents out-dated calibrations
- Higher full-range accuracy with up to 6 pH and 8 Ion calibration points
- Electrode diagnostic with properties report and response indicator alerts when electrodes require maintenance

Fuss-Free Data Management

- Non-volatile memory stores up to 500 data sets in GLP-compliant format
- RS232C through LED*, IrDA wireless communications technology
- Complimentary Eutech CyberComm 600 DAS software

More User-Friendly











- Intuitive and self-diagnostic
- 20 buffer options with custom and auto buffer recognition
- High/low set-points function for quality control checks – meter warns when readings fall outside set limit
- Password protection security for calibration and set-up menus

* RS232C (LED) interface adapter available as separate accessory (order code: 01X344201)



Applications

- Surface water analysis • Water & wastewater treatment • Boiler blow-down
- Electroplating rinse tanks • Drinking water
- Hydroponics • Printing Industry
- Swimming pools • Others

		CyberScan Dual-Display						EcoScan Single-Display			
		pH 620	pH 610	pH 600	pH 310	pH 300	pH 110	pH 11	Ion 6	pH 6	pH 5
pH/ORP Handheld Meters Specifications											
Measuring Parameter		pH / ORP / Ion / °C / °F	pH / ORP / °C / °F			pH / ORP / °C	pH / ORP / °C / °F	pH / ORP / °C	Ion / pH / ORP / °C	pH / ORP / °C	pH / °C
Highlights		Waterproof, GLP, RS232C, IrDA, Ion, 0.001 pH	Waterproof, GLP, RS232C, IrDA, 0.001 pH	Waterproof, GLP, RS232C, IrDA, 0.01 pH	Waterproof, GLP	Waterproof handheld	Expanded memory, RS232C output	Standard handheld	Economical Ion, pH, ORP measurement	Economical pH, ORP measurement	Economical pH measurement
pH	Range	-2.000 to 20.000 pH		-2.00 to 20.00 pH		-2.00 to 16.00 pH		0.00 to 14.00 pH			
	Resolution	0.1 / 0.01 / 0.001 pH		0.1 / 0.01 pH		0.01 pH					
	Accuracy	±0.002 pH		±0.01 pH		±0.01 pH					
	Cal. Points	1 (Offset) to 6-points			Up to 6 (using DIN)	Up to 5	Up to 6 (using DIN)	Up to 5	Up to 5		
	Buffer Sets	USA, NIST, DIN, PWB, Custom			USA, NIST, DIN	USA	USA, NIST, DIN, PWB	USA, NIST	USA, NIST, PWB		
Ion	Range	0.001 to 19900	-					0.01 to 0.99 / 1.0 to 199.9 / 200 to 1999 ppm	-		
	Resolution	2 or 3 digits	-					0.01 / 0.1 / 1 ppm	-		
	Accuracy	0.5 % full scale (monovalent) 1 % full scale (divalent)	-					±1 % full scale	-		
	Cal. Points	Up to 8	-					Up to 3	-		
Temperature	Range	-10 to 110 °C / 14 to 230 °F			-10 to 110 °C	-10 to 110 °C / 14 to 230 °F	0.0 to 100.0 °C				
	Resolution	0.1 °C / 0.1 °F			0.1 °C	0.1 °C / 0.1 °F	0.1 °C				
	Accuracy	±0.5 °C / ±0.9 °F			±0.5 °C	±0.5 °C / ±0.9 °F	±0.5 °C				
ORP	Range	±2000.0 mV			±1999 mV			±500 mV	±1000 mV	-	
	Rel. mV Range	±2000.0 mV			±1999 mV			±500 mV	±1000 mV	-	
	Resolution	0.1 mV			0.1 mV (±199.9 mV) / 1 mV (beyond)						
	Accuracy	±0.2 mV + 1 LSD			±0.2 mV / ±2 mV + 1 LSD						
Meter Features	Temperature Compensation	ATC / MTC (0 to 100 °C)									
	GLP	Yes					-				
	Cal-Due Alarm	Yes			-						
	Slope/Offset Display	Yes									
	IP67	Yes					-				
	Datalogging	Yes			-						
	Memory	500 data sets			50 data sets	16 data sets	100 data sets	50 data sets	-		
	Operating Temperature	0 to 50 °C									
	Average/Stability	Yes									
	LCD Display	Dot-matrix LCD with backlight (5.4 x 7.1 cm)			Dual-display LCD (5.8 x 3.3 cm)				Single-display LCD (4.5 x 2.3 cm)		
	Auto-Off	2 to 30 mins after last key pressed			20 mins after last key pressed						
	Input	DC phono sockets, 8-pin connector, BNC			6-pin connector, BNC		DC socket, BNC, 2.5 mm phono socket		BNC, 2.5 mm phono socket		
	Output	IrDA, RS232C (via LED) *			-		RS232C		-		
	Power	4 x 1.5 V 'AA' alkaline batteries or 9V DC adapter, 500 mA			4 x 1.5 V 'AAA' alkaline batteries		4 x 1.5 V 'AAA' alkaline batteries or 9V DC adapter, 200 mA		4 x 1.5 V 'AAA' alkaline batteries		
Battery Life	> 500 hrs			> 200 hrs		> 700 hrs		> 500 hrs			
Dimensions (LxWxH); Weight	Meter	18.3 x 9.5 x 5.7 cm ; 460 g			19 x 10 x 6 cm ; 320 g		18 x 9 x 4 cm ; 220 g		14 x 17 x 3.5 cm ; 200 g		
	Boxed	40 x 33 x 10 cm ; 2680 g			40 x 33 x 10 cm ; 2100 g				36 x 28 x 8 cm ; 1500 g		

* RS232C (LED) interface adapter available as separate accessory (see page 26 for order information)

pH/ORP Handheld Meters

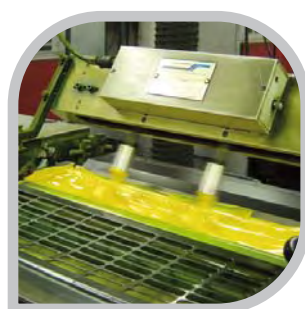
Item	Order Code	Part No.	Parameters				Electrodes						Accessories							
			pH	ORP	Ion	Temperature	Double Junction pH Electrode (ECFC725203B)	Double Junction pH Electrode (ECFC725201B)	Single Junction pH Electrode (ECFC7252101B)	ATC Probe (ECPHWPTM03J)	ATC Probe (ECPHWPTM01W)	ATC Probe (ECPH5TEM01P)	CyberComm 600 DAS Software	CyberComm Portable DAS Software	Electrode Holder (x2)	RS232C Cable	Power Adapter	CyberScan Carry Kit Set With Calibration Stds	EcoScan Carry Kit Set With Calibration Stds	
pH 620	ECPHWP62042K	01X415107	•	•	•	•	•				•					•	•			
pH 610	ECPHWP61042K	01X415106	•	•		•					•					•	•			
pH 600	ECPHWP60042K	01X415105	•	•		•					•					•	•			
pH 310	ECPHWP31002K	01X245304	•	•			•					•					•			
pH 300	ECPHWP30002K	01X245205	•	•			•					•					•			
pH 110	ECPH11002K	01X361203	•	•			•				•		•	•			•			
pH 11	ECPH1102K	01X361103	•	•			•				•			•			•			
Ion 6	ECION602K	01X256408	•	•	•							•						•		
pH 6	ECPH602K	01X245007	•	•								•						•		
pH 5	ECPH502K	01X244907	•									•						•		

Replacement Electrodes

Used With	Description	Order Code	Part No.
CyberScan pH 620 / pH 610 / pH 600	ATC probe, 3 m cable	ECPHWPTM03J	01X021820
CyberScan pH 620 / pH 610 / pH 600	ATC probe, 1 m cable	ECPHWPTM01J	01X021818
CyberScan pH 620 / pH 610 / pH 600	General purpose plastic-body double junction gel-filled pH combination electrode, 12 x 90 mm, BNC connector, 3 m cable	ECFC7252203B	01X417010
CyberScan pH 310 / pH 300	ATC probe, 1 m cable	ECPHWPTM01W	01X021807
CyberScan pH 310 / pH 300 / pH 110 / pH 11	General purpose plastic-body double junction gel-filled pH combination electrode, 12 x 90 mm, BNC connector, 1 m cable	ECFC7252201B	01X099417
CyberScan pH 110 / pH 11, EcoScan Ion 6 / pH 6 / pH 5	ATC probe, 1 m cable	ECPH5TEM01P	01X021804
EcoScan Ion 6 / pH 6 / pH 5	General purpose plastic-body single junction gel-filled pH combination electrode, 12 x 90 mm, BNC connector, 1 m cable	ECFC7252101B	01X099412

Accessories

Used With	Description	Order Code	Part No.
CyberScan pH 620 / pH 610 / pH 600	CyberScan pH 600 series carry kit set – plastic carry case, buffer solutions (pH 4.01, pH 7.00), storage solution, deionised (rinse) water	ECPHWP600KIT	01X430201
CyberScan pH 620 / pH 610 / pH 600	100 / 240 VAC SMPS power adapter, 9V, 6W, centre +ve, US / UK / EUR / Japan plug	01X030132	01X030132
CyberScan pH 620 / pH 610 / pH 600	RS232C (LED) interface adapter	91100-85	01X344202
CyberScan pH 310 / pH 300 / pH 110 / pH 11	CyberScan pH carry kit set – plastic carry case, buffer solutions (pH 4.01, pH 7.00), storage solution, deionised (rinse) water	ECPHWPKIT	01X266801
CyberScan pH 110 / pH 11	100 / 240 VAC SMPS power adapter, 9V, 6W, centre +ve, US / UK / EUR / Japan plug	60X030130	60X030130
CyberScan pH 110 / pH 11	220 / 230 VAC power adapter (50 / 60 Hz) 2-round pin EUR type, 9VDC 500 mA	60X030112	60X030112
CyberScan pH 110 / pH 11	110 / 120 VAC power adapter (50 / 60 Hz) 2-flat pin US type, 9VDC 500 mA	60X030111	60X030111
CyberScan pH 110	RS232C communication cable – 9-pin male to 9-pin female connector, 1 m cable	ECCA02M09F09	30X219503
EcoScan Ion 6 / pH 6 / pH 5	EcoScan pH carry kit set – plastic carry case, buffer solutions (pH 4.01, pH 7.00), storage solution, deionised (rinse) water	ECECOPHKIT	01X266901
EcoScan Ion 6 / pH 6 / pH 5	EcoScan neutral carry kit set – plastic carry case, 4 empty sample bottles (60 ml)	ECECODRYKIT	01X266903
All except CyberScan 600 series	CyberScan handheld carry pouch	ECPOUCH02	56X201400
12 mm diameter electrode	Electrode holder	15X000700	15X000700



>> Printing Industries



>> Ecological Studies

