

Multi-Parameter

Do more with less – intelligent instruments that allow you to measure multiple parameters.



Multi-Parameter

Tester:

1. PCSTestr™ 35
2. PCTestr™ 35
3. PTTestr™ 35

Handheld:

1. CyberScan PCD 650
2. CyberScan PC 650
3. CyberScan PD 650
4. CyberScan CD 650
5. CyberScan PD 300
6. CyberScan PC 300
7. CyberScan PC 10

Bench:

1. PC 2700
2. PC 700

“rely on Eutech Testrs to help me provide the best soil and nutrients for my plants.”



Basic multi-parameter measurements on-the-go is so easy! Eutech's Testr 35 multi-parameter series allows you to measure pH, conductivity, TDS, salinity and temperature with just one handy instrument. Made to fit your pocket – both in size and budget.

**"One-Press"
Parameter Toggle:
Multi-Parameter
Measurement Is
So Easy!**



Step 1: Immerse tester sensor in solution



Step 2: Measure and read



Step 3: Press "MODE ENT" to toggle to the next parameter

Self-diagnostic with battery indicator

ATC/MTC option

Temperature in °C or °F

Valox® strong plastic casing offers superior chemical resistance



User-replaceable pH/Conductivity sensor with ATC




Chemical resistant Kynar® sensor for longer sensor lifespan

Applications

• Pools and spas • Aquariums and fish farms • Agriculture and hydroponics • Cooling towers • Food processing • Water and wastewater treatment • Photo-development • Printing and chemical industries • Electroplating rinse tanks • Drinking water • Verification of reverse osmosis system operation • Recirculating system • Labs and ecological studies

- Comes in three multi-parameter models – PCSTestr 35, PCTestr 35 and PTTestr 35 (see spec tables for more details)
- Full pH range measurement at up to 0.01 pH resolution
- Pure, medium and high Conductivity/TDS ranges – tester measures pure water!
- Up to 5-point pH calibration and 3-point Conductivity calibration
- Adjustable TDS factor and Temperature coefficient
- User-friendly and easy to use with menu-driven set-up
- Conserves power with selectable auto-off function



Models	PCSTestr 35	PCTestr 35	PTTestr 35	
Multi-Parameter Pocket Testers Specifications				
Measuring Parameter	pH / Conductivity / TDS / Salinity / °C / °F	pH / Conductivity / °C / °F	pH / TDS / °C / °F	
Highlights	Waterproof, temp. display, 0.01 pH resolution, replaceable sensor	Waterproof, temp. display, 0.1 pH resolution, replaceable sensor		
pH	Range	0.00 to 14.00 pH	0.0 to 14.0 pH	
	Resolution	0.01 pH	0.1 pH	
	Accuracy	±0.01 pH	±0.1 pH	
	Cal. Points	Up to 5 (auto)		
Conductivity	Auto-Buffer Recognition	Yes		
	Range	0.0 to 199.9 µS / 200 to 1999 µS / 2.00 to 20.00 mS	0 to 1999 µS / 2.00 to 20.00 mS	–
	Resolution	0.1 µS / 1 µS / 0.01 mS	1 µS / 0.01 mS	–
	Accuracy	±1 % full scale		–
	Cal. Points	3 auto, 3 manual	2 auto, 2 manual	–
	Temperature Coefficient	0.0 to 10.0 % / °C		–
	Normalisation Temperature	25.0 °C		–
TDS	Auto-Ranging	Yes		–
	Range	0.0 to 99.9 ppm / 100 to 999 ppm / 1.00 to 10.00 ppt	–	0 to 999 ppm / 1.00 to 10.00 ppt
	Resolution	0.1 ppm / 1 ppm / 0.01 ppt	–	1 ppm / 0.01 ppt
	Accuracy	±1 % full scale		±1 % full scale
	Cal. Points	Up to 3 (manual)	–	Up to 2 (manual)
Salinity	TDS Factor	0.40 to 1.00	–	0.40 to 1.00
	Range	0.0 to 99.9 ppm / 100 to 999 ppm / 1.0 to 10.0 ppt / 0.0 to 1.0 %	–	–
	Resolution	0.1 ppm / 1 ppm / 0.1 ppt / 0.1 %	–	–
	Accuracy	±1 % full scale *		–
Temperature	Cal. Points	1 (manual, above 1.00 ppt)	–	–
	Range	0 to 50.0 °C / 32 to 122.0 °F		
	Resolution	0.1 °C / 0.1 °F		
Meter Features	Accuracy	0.5 °C / 0.9 °F		
	Temperature Compensation	ATC / MTC		
	Sensor Type	pH / Conductivity / TDS / Salinity / Temperature		
	Non-Volatile Memory	Yes		
	Auto-Off	8.5 mins after last key pressed (can be disabled)		
	LCD Display	Dual-display LCD (2.1 x 2.7 cm)		
Dimensions (LxWxH); Weight	Power	4 x 1.5 V 'A76' micro alkaline batteries		
	Tester	16.5 x 3.8 cm ; 90 g		
Boxed	18.5 x 6.5 x 5 cm ; 200 g			

* Applicable from 100 ppm to 10.00 ppt / 0.0 to 1.00 %

Multi-Parameter Pocket Testers										
Item	Order Code	Part No.	Parameters					Sensor	Accessories	
			pH	Conductivity	TDS	Salinity	Temperature	Multi-Parameter Sensor (PCSENSOR)	Lanyard	Alkaline Button Cell Batteries
PCSTestr 35	PCSTEST35	01X441506	•	•	•	•	•	•	•	•
PCTestr 35	PCTEST35	01X441504	•	•	•	•	•	•	•	•
PTTestr 35	PTTEST35	01X441505	•	•	•	•	•	•	•	•

Replacement Sensors/Electrodes & Accessories			
Used With	Description	Order Code	Part No.
PCSTestr 35 / PTTestr 35 / PCTestr 35	Replacement pH / Conductivity / Temperature sensor	PCSENSOR	01X097108
All testrs	Belt-loop soft carrying case for testr	ECPOUCH01	56X201300
All testrs	Alkaline button cell batteries (50 units per pack)	ECBATT14	01X220401

Multi-Parameter
CyberScan Waterproof
Handheld



Available in complete kit version



Waterproof external power input



Complimentary Cybercomm 600 software – download data from meter to PC as text or Excel® spreadsheet

Multi-Parameter

CyberScan PCD 650

pH/ORP/Ion/Conductivity/TDS/Salinity/Resistivity/Dissolved Oxygen/°C/°F

A Eutech Star Buy! Combining the key features of the CyberScan 600 series, Eutech's CyberScan PCD 650 enables concurrent measurement of three parameters in addition to temperature, all of which can be simultaneously displayed on the comprehensive customized LCD screen. With the incorporated IrDA wireless technology, data transfer from meter to computer is a breeze.



Applications

Environmental: Use to test water quality, monitor health of aquatic ecosystems, survey surface and ground water drinking supplies, and meet EPA regulations.

Water Quality Testing: For analysing water hard water, drinking water, effluent water, and incoming process water. Ideal for all types of quality assurance and water quality testing.

Industrial: For checking metal finishing, cooling tower water, printing fountain solutions, boiler water, brines, rinse tanks, ponds, pollution control, recirculating systems, waste water and industrial process systems. Useful for food analysis and quality assurance testing.

Aquacultural: Use to monitor oxygen levels in catfish and shrimp farming; game stocking ponds; ornamental fish tanks and ponds; and in other fish farming applications.

Wide Measurement Ranges

- Measures accuracy of up to ± 0.002 pH and resolution of up to 3-decimal points
- Accepts 2-cell and 4-cell Conductivity probe, enabling it to measure a wide Conductivity range of up to 500 mS/cm – meter measures pure water!
- Measures 90.00 mg/L in DO concentration and 600 % in DO saturation – one of the widest Dissolved Oxygen measurement ranges offered in the handheld market today!

User-Friendly

- Rugged and waterproof for applications in harsh environments
- Step-by-step prompts that guide users through set-up, calibration and trouble-shooting
- High/low set-points function for quality control checks – meter warns when readings fall outside set limit
- Built-in barometer for auto-pressure correction

Advanced Data-Management

- Meter automatically logs up to 500 readings with time and date in GLP-compliant format
- RS232C through LED*, IrDA wireless communications technology
- Non-volatile memory protects information and meter settings, even when batteries run out
- Password protection to prevent tampering

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



CyberScan PC 650 ; CyberScan PD 650 ; CyberScan CD 650

pH/ORP/Ion/Conductivity/
TDS/Salinity/Resistivity/°C/°F

pH/ORP/Ion/
Dissolved Oxygen/°C/°F

Conductivity/TDS/Salinity/
Resistivity/Dissolved Oxygen/°C/°F

Multi-Parameter
CyberScan Waterproof
Handheld

Collecting multi-parameter data in the field is a breeze with Eutech's CyberScan 650 handheld series. PC 650, PD 650 and CD 650 delivers quick, lab-accurate measurements of pH, ORP, Ion, Conductivity, TDS, Resistivity, Salinity, Dissolved Oxygen and/or Temperature simultaneously. Comprehensive dual-channel display allows you to view two parameters at the same time, along with electrode data and calibration information – all of which can be easily transferred from meter to computer via the incorporated wireless IrDA port.



Channel 2:
Conductivity,
TDS, Resistivity
or Salinity

Real-time clock

Channel 1:
pH, ORP or Ion

Temperature
in °C or °F



PD 650 screen

Channel 1:
pH, ORP or Ion

Channel 2:
Dissolved Oxygen



CD 650 screen

Channel 1:
Conductivity,
TDS, Resistivity
or Salinity

Channel 2:
Dissolved Oxygen
in mg/L or
% saturation

IP67 waterproof



Wireless data transfer



Sturdy rubber boot
doubles up as meter stand



Velcro strap
for firmer grip

Wide Measurement Ranges

- Measures accuracy of up to ± 0.02 pH and resolution of up to 3-decimal points (PC 650 and PD 650)
- Features a wide conductivity measurement range of up to 500 mS – meter measures pure water! (PC 650 and CD 650)
- Offers one of the widest dissolved oxygen measurement ranges available in the handheld market today (PD 650 and CD 650)

User-Friendly

- Rugged and waterproof for applications in harsh environments
- Step-by-step prompts that guide users through set-up, calibration and trouble-shooting

Advanced Data-Management

- Meter automatically locks in up to 500 readings with time and date in GLP-compliant format
- Wireless information transfer from meter to computer
- Non-volatile memory protects information and meter settings, even when batteries run out
- Four levels of password protection to prevent tampering



Applications

Environmental: Use to test water quality, monitor health of aquatic ecosystems, survey surface and ground water drinking supplies, and meet EPA regulations.

Water Quality Testing: For analysing water hard water, drinking water, effluent water, and incoming process water. Ideal for all types of quality assurance and water quality testing.

Industrial: For checking metal finishing, cooling tower water, printing fountain solutions, boiler water, brines, rinse tanks, ponds, pollution control, recirculating systems, waste water and industrial process systems. Useful for food analysis and quality assurance testing.

Aquacultural: Use to monitor oxygen levels in catfish and shrimp farming; game stocking ponds; ornamental fish tanks and ponds; and in other fish farming applications.

Toggle between DO (% sat or mg/L) and pH with a simple keypress. No waiting time is required with the galvanic probe that delivers quick, stable response. With adjustable backlit large dual-display LCD for optimised view, this multi-parameter meter is ideal for outdoor field measurement in dim surroundings.



Custom dual-
display LCD
with backlight

IP67
waterproof

Submersible
pH electrode

Galvanic probes
require no
warm-up time

Applications

Industrial: Ideal for checking quality of plant water intake and discharge, wastewater and water treatment, recirculating systems and industrial process systems. Ideal for pH checks in water conditioning plants, cooling towers, plating and finishing operations, and chemical process verification.

Aquacultural: Use to monitor oxygen levels in catfish and shrimp farming; game stocking ponds; ornamental fish tanks and ponds; and in other fish farming applications.

Environmental: Use to test water quality, monitor health of aquatic ecosystems, survey surface and ground water drinking supplies, and to meet EPA regulations.

Educational: Ideal for quick, accurate DO readings in laboratories and schools.

- Multi-parameter PD 300 measures pH, Dissolved Oxygen and Temperature
- Up to 5-point pH push button calibration
- 2-point calibration for Dissolved Oxygen measurement
- Advanced setup mode possible
- Rugged carry-all meter kits available



CyberScan PC 300 ; CyberScan PC 10

pH/Conductivity/TDS/°C/°F

pH/Conductivity/°C

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ESIS
 Industrial Electronics

Multi-Parameter
 CyberScan Waterproof
 Handheld

pH, conductivity and temperature measurements all conveniently packed into one handheld meter – the CyberScan PC 300 features easy interchangeability of specialty electrodes for specific applications; CyberScan PC 10 comes with a combined multi-sensor submersible probe: no need to change probes to measure different parameters!

User-customisation for enhanced flexibility and viewing of meter information

PC 300

PC 10

Multi-sensor submersible probe



Available in complete kit version

- Toggles between pH/Temperature and Conductivity/Temperature with the touch of a button. PC 300 also measures TDS
- Waterproof to IP67 standard – meter floats for easy retrieval!
- Multi-point push-button calibration
- Auto-buffer recognition for pH calibration
- Auto-ranging for Conductivity measurements
- Meter prompts when reading has stabilised
- Large, easy to read LCD screen










Applications

Industrial: For checking metal finishing, cooling tower water, printing fountain solutions, boiler water, brines, rinse tanks, ponds, pollution control, recirculating systems, waste water and industrial process systems. Useful for food analysis and quality assurance testing.

Water Quality Testing: For analysing water hard water, drinking water, effluent water, and incoming process water. Ideal for all types of quality assurance and water quality testing.








Environmental/Agricultural: For ecology studies, aquaculture and hydroponics.

Educational: Ideal for quick pH and Conductivity checks in laboratories and schools.

Models	PCD 650	PC 650	PD 650	CD 650	PD 300	PC 300	PC 10	
Multi-Parameter Handheld Meters Specifications								
Measuring Parameter	pH / ORP / Ion / Conductivity / TDS / Salinity / Resistivity / Dissolved Oxygen / °C / °F	pH / ORP / Ion / Conductivity / TDS / Salinity / Resistivity / °C / °F	pH / ORP / Ion / Dissolved Oxygen / °C / °F	Conductivity / TDS / Salinity / Resistivity / Dissolved Oxygen / °C / °F	pH / Dissolved Oxygen / °C / °F	pH / Conductivity / TDS / °C / °F	pH / Conductivity / °C	
Highlights	Waterproof, GLP, RS232C, IrDA, multi-parameter display				Waterproof with back lighting	Waterproof, speciality probe compatible	Waterproof, combined multi-submersible probe	
pH	Range	-2.000 to 20.000 pH		-	-2.00 to 16.00 pH		0.00 to 14.00 pH	
	Resolution	0.1 / 0.01 / 0.001 pH		-	0.01 pH		-	
	Accuracy	±0.002 pH		-	±0.01 pH		-	
	Cal. Points	1 (offset) to 6-points		-	5		3	
	Auto-Buffer Recognition	Yes		-	Yes		-	
	Slope & Offset Display	Yes		-	Yes		-	
Ion	Range	0.001 to 19900		-	-		-	
	Resolution	2 or 3 digits		-	-		-	
	Accuracy	0.5 % full scale (monovalent) ; 1 % full scale (divalent)		-	-		-	
	Cal. Points	Up to 8		-	-		-	
ORP	Range	±2000.0 mV		-	-		-	
	Resolution	0.1 mV		-	-		-	
	Accuracy	±0.2 mV		-	-		-	
Temperature	Range	-10.0 to 110.0 °C / 14.0 to 230.0 °F (meter) 0 to 60.0 °C / 32 to 140 °F (for DO)	-10.0 to 110.0 °C / 14.0 to 230.0 °F (meter)	-10.0 to 110.0 °C / 14.0 to 230.0 °F (meter) 0 to 60.0 °C / 32 to 140 °F (for DO)	-10.0 to 110.0 °C / 14.0 to 230.0 °F (meter)		0.0 to 80.0 °C (with supplied probe)	
	Resolution	0.1 °C / 0.1 °F						0.1 °C
	Accuracy	±0.5 °C / ±0.9 °F						±0.5 °C
Conductivity	Range	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 500.0 mS	-	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 500.0 mS	-	.. to 19.99 / 199.9 / 1999 µS ; .. to 19.99 / 199.9 mS	.. to 19.99 / 199.9 / 1999 µS ; .. to 19.99 mS	
	Resolution	0.01 µS / 0.1 µS / 0.001 mS / 0.01 mS / 0.1 mS	-	0.01 µS / 0.1 µS / 0.001 mS / 0.01 mS / 0.1 mS	-	0.01 / 0.1 / 1 µS ; 0.01 / 0.1 mS	0.01 / 0.1 / 1 µS ; 0.01 mS	
	Accuracy	±1 % full scale + 1 LSD		-	±1 % full scale + 1 LSD		±1 % full scale + 1 LSD	
	Cal. Points	4 (1 per range) auto, 5 (1 per range) manual		-	4 (1 per range) auto, 5 (1 per range) manual		5 (1 per range) manual 4 (1 per range) manual	
	Cell Constant (K)	0.010 to 10.000		-	0.010 to 10.000		1.0	
	Temperature Coefficient	Linear & pure		-	Linear & pure		0.0 to 10.0 % (adjustable) 2.00 %	
	Normalisation Temperature	15 to 30 °C		-	15 to 30 °C		15.0 to 30.0 °C (adjustable) 25 °C	
	Auto-Ranging	Yes		-	Yes		Yes	
TDS	Range (Depending On TDS Factor)	.. to 2.000 ppm 2.000 ppm to 300.0 ppt 300.0 ppt to 4.000 ppt 4.000 ppt to 40.00 ppt 40.00 ppt to 500.0 ppt	-	.. to 2.000 ppm 2.000 ppm to 300.0 ppt 300.0 ppt to 4.000 ppt 4.000 ppt to 40.00 ppt 40.00 ppt to 500.0 ppt	-	.. to 999/999/999 ppm; .. to 9.99 / 99.9 ppt ; Max of 199.9 ppt based on factor setting	-	
	Resolution	0.01 ppm / 0.1 ppm / 0.001 ppt / 0.01 ppt / 0.1 ppt	-	0.01 ppm / 0.1 ppm / 0.001 ppt / 0.01 ppt / 0.1 ppt	-	0.01 / 0.1 / 1 ppm ; 0.01 / 0.1 ppt	-	
	Accuracy	±1 % full scale + 1 LSD		-	±1 % full scale + 1 LSD		±1 % full scale + 1 LSD	
	Conversion Factor	0.40 to 1.0		-	0.40 to 1.0		0.40 to 1.0	
				-				

[Continued on page 71]

[Continued from page 70]

Models		PCD 650	PC 650	PD 650	CD 650	PD 300	PC 300	PC 10	
Multi-Parameter Handheld Meters Specifications									
Salinity	Range	.. to 0.770 ppm 0.770 ppm to 143.3 ppt 143.3 ppt to 2.138 ppt 2.138 ppt to 23.64 ppt 23.64 ppt to 80.00 ppt		-	.. to 0.770 ppm 0.770 ppm to 143.3 ppt 143.3 ppt to 2.138 ppt 2.138 ppt to 23.64 ppt 23.64 ppt to 80.00 ppt		-		
	Resolution	0.01 ppm / 0.1 ppm / 0.001 ppt / 0.01 ppt		-	0.01 ppm / 0.1 ppm / 0.001 ppt / 0.01 ppt		-		
	Accuracy	±1 % full scale + 1 LSD		-	±1 % full scale + 1 LSD		-		
Resistivity	Range	2.000 Ω to 25.00 Ω 25.00 Ω to 250.0 Ω 250.0 Ω to 3.333 kΩ 3.333 kΩ to 500.0 kΩ 500.0 kΩ to 20.00 MΩ		-	2.000 Ω to 25.00 Ω 25.00 Ω to 250.0 Ω 250.0 Ω to 3.333 kΩ 3.333 kΩ to 500.0 kΩ 500.0 kΩ to 20.00 MΩ		-		
	Resolution	0.01 Ω / 0.1 Ω / 0.001 Ω / 0.1 Ω / 0.01 MΩ		-	0.01 Ω / 0.1 Ω / 0.001 Ω / 0.1 Ω / 0.01 MΩ		-		
	Accuracy	1 % full scale		-	1 % full scale		-		
Dissolved Oxygen	Range	0.00 to 90.00 mg/L or ppm	-	0.00 to 90.00 mg/L or ppm		0.00 to 20.00 mg/L or ppm		-	
	Resolution	0.01 mg/L ; 0.01 ppm	-	0.01 mg/L ; 0.01 ppm		0.01 mg/L ; 0.01 ppm		-	
	Accuracy	±0.2 mg/L	-	±0.2 mg/L		±1.5 % full scale		-	
	Cal. Points	1	-	1		1		-	
% Saturation of Oxygen	Range	0 to 600.0 %	-	0 to 600.0 %		0.0 to 200.0 %		-	
	Resolution	0.1 %	-	0.1 %		0.1 %		-	
	Accuracy	±2.0 %	-	±2.0 %		±1.5 % full scale		-	
Salinity Correction	Range	0.0 to 50.0 ppt	-	0.0 to 50.0 ppt		0.0 to 50.0 ppt		-	
	Resolution	0.1 ppt	-	0.1 ppt		0.1 ppt		-	
	Method	Automatic / manual	-	Automatic correction after manual input	Automatic / manual	Automatic correction after manual input		-	
Barometric Pressure Correction	Range	450 to 825 mmHg or 59.9 to 109.9 kPa	-	450 to 825 mmHg or 59.9 to 109.9 kPa		500 to 1499 mmHg or 66.6 to 199.9 kPa		-	
	Resolution	0.1 mmHg or 0.1 kPa	-	0.1 mmHg or 0.1 kPa		0.1 mmHg or 0.1 kPa		-	
	Method	Automatic correction with built-in sensor	-	Automatic correction with built-in sensor		Automatic correction after manual input		-	
Meter Features	Temperature Compensation	ATC / MTC (0 to 100 °C)							
	GLP	Yes							
	Cal-Due Alarm	Yes							
	IP67				Yes				
	Datalogging	Yes							
	Memory	500 data sets			50 data sets				
	Operating Temperature	0 to 50 °C							
	Ready Function	Yes							
	Hold Function	Yes							
	LCD Display	Dot-matrix LCD with backlight (5.4 x 7.1 cm)				Dual-display LCD with backlight (5.8 x 3.3 cm)		Dual-display LCD (5.8 x 3.3 cm)	
	Auto-Off	2 to 30 mins after last key pressed				20 mins after last key pressed			
	Input	DC phono sockets, BNC, 8-pin connector, 6-pin connector	DC phono sockets, BNC, 8-pin connector	DC phono sockets, BNC, 8-pin connector, 6-pin connector	DC phono sockets, BNC, 8-pin connector, 6-pin connector	BNC, 6-pin connector		6-pin connector	
	Output	IrDA, RS232C (via LED) *							
Power	4 x 1.5 V 'AA' alkaline batteries or 9 V DC adapter, 500 mA				4 x 1.5 V 'AAA' alkaline batteries				
Battery Life	> 200 hrs			> 400 hrs		> 200 hrs		> 100 hrs	
Dimensions (LxWxH); Weight	Meter	18.3 x 9.5 x 5.7 cm ; 460 g				19 x 10 x 6 cm ; 700 g		19 x 10 x 6 cm ; 320 g	
	Boxed	40 x 33 x 10 cm ; 3200 g				40 x 33 x 10 cm ; 2180 g			

* RS232C (LED) interface adapter available as separate accessory (see page 72 for order information)

Multi-Parameter Handheld Meters – CyberScan 600 Series																		
Item	Order Code	Part No.	Parameters								Electrodes				Accessories			
			pH	ORP	Ion	Conductivity	TDS	Salinity	Resistivity	Dissolved Oxygen	Temperature	pH Electrode (ECFC7252203B)	4-Cell Conductivity Probe (CONSEN9203J)	Dissolved Oxygen Probe (ECDOHANDYNEW)	ATC Probe (PHWPTEM03J)	CyberComm 600 DAS Software	Multi-Probe Holder	Power Adapter
PCD 650	ECPCDWP65044K	01X430902	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PC 650	ECPCWP65043K	01X430602	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PD 650	ECPDWP65043K	01X430702	•	•	•								•					
CD 650	ECCDWP65043K	01X430802				•	•	•	•	•	•			•				

Multi-Parameter Handheld Meters – CyberScan 300 Series & 10 Series																			
Item	Order Code	Part No.	Parameters								Electrodes				Accessories				
			pH	ORP	Ion	Conductivity	TDS	Salinity	Resistivity	Dissolved Oxygen	Temperature	pH Electrode (ECDA9350603B)	pH Electrode (ECFC7252201B)	2-Cell Conductivity Probe (CONSEN91W)	Dissolved Oxygen Probe (ECDOHANDYNEW)	pH / Cond Combination Probe (ECCOMB03M)	Electrode Holder (x2)	Assembled Membrane Cap Housing	Refilling Electrolyte
PD 300	ECPDWP30003K	01X267001	•							•	•	•		•				•	
PC 300	ECPCWP30003K	01X262901	•			•	•				•					•			•
PC 10	ECPCWP1003K	01X268701	•			•					•								•

Replacement Electrodes & Accessories			
Used With	Description	Order Code	Part No.
PCD 650 / PD 650 / CD 650 / PD 300	Galvanic Dissolved Oxygen electrode, ATC, 10 ft cable with assembled membrane cap housing, refilling electrolyte and scouring pad	ECDOHANDYNEW	01X239601
PCD 650 / PC 650 / PD 650	General purpose plastic-body double junction gel-filled pH combination electrode, 12 x 90 mm, BNC connector, 3 m cable	ECFC7252203B	01X417010
PCD 650 / PC 650 / PD 650	ATC probe, 3 m cable	PHWPTEM03J	01X021820
PCD 650 / PC 650 / CD 650	4-cell epoxy-body Conductivity electrode with ATC, cell constant K=0.530, 12 x 120 mm, 8-pin connector, 3 m cable	CONSEN9203J	01X244723
PC 300	General purpose plastic-body double junction gel-filled pH combination electrode, 12 x 90 mm, BNC connector, 1 m cable	ECFC7252201B	01X099417
PC 300	2 stainless steel rings ultem-body Conductivity electrode with ATC, cell constant K=1.0, 16 x 144 mm, 6-pin connector, 1 m cable	CONSEN91W	01X244702
PD 300	Submersible gel-filled pH combination electrode with 15 cm ABS guard; single annular ceramic junction, 3 m cable	ECDA9350603B	93X218879
PC 10	Combined pH combination electrode and 2-pin stainless steel Conductivity electrode with ATC, 15 cm ABS guard, 3 m cable	ECCOMB03M	01X234601
PCD 650 / PC 650 / PD 650 / CD 650	100 / 240 VAC SMPS power adapter, 9 V, 6 W, centre +ve power adapter with US / UK / EUR / Japan plug	01X030132	01X030132
PCD 650 / PC 650 / PD 650 / CD 650	RS232C (LED) interface adapter	91100-85	01X344202
PCD 650 / PC 650	pH / Conductivity kit set – plastic carry case, buffer solutions (pH 4.01, pH 7.00), KCl standard solution (12.88 mS), deionised (rinse) water	ECPCWP650KIT	01X430205
PD 300	CyberScan pH carry kit set – plastic carry case, buffer solutions (pH 4.01, pH 7.00), storage solution, deionised (rinse) water	ECPHWPKIT	01X266801
PD 300	Assembled membrane cap housing	15X241402	15X241402
PD 300	DO refilling electrolyte (60 ml)	01X211226	01X211226
PD 300	Membranes & o-rings (pack of 5 units)	01X241603	01X241603
PC 10 / PC 300	pH / Conductivity kit set – plastic carry case, buffer solutions (pH 4.01, pH 7.00), KCl standard solutions (1413 uS, 12.88 mS)	ECPCWPKIT	01X266803
12 mm diameter electrode	Electrode holder	15X000700	15X000700
16 mm diameter electrode	Electrode holder	15X000702	15X000702

PC 2700

pH/ORP/Ion/Conductivity/TDS/Salinity/Resistivity/°C/°F

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ESIS
 Industrial Electronics

Multi-Parameter
 Deluxe Bench

Your all-in-one solution for multi-parameter research work in the lab! The new PC 2700 is accurate, reliable and intuitive with user-friendly functions. Meter comes with a multi-data screen that includes Temperature, electrode status, calibration points, date and time along with your desired measurement parameter. PC 2700 measures pH, ORP, Ion, Conductivity, TDS, Salinity, or Resistivity!



Stability display – faded out and then turns completely black when stable



Bright backlight/illuminated display



Download the latest software from our website

- Choose auto-calibration with preset values for quick easy calibration, or manual multi-point calibration for greater accuracy
- Easy standardization with auto-standardization feature – detect the exact cell constant value of your electrodes with the press of a button
- Up to 6-point calibration with auto-buffer recognition
- Includes high performance 4-cell Conductivity probe
- Quick, easy electrode diagnosis with the effective cell constants display
- Non-volatile memory holds up to 500 data points – time and date-stamped for GLP compliance
- Bi-directional RS232 for easy data transfer to computer
- Cal-due alarm – no more out-dated calibrations!
- Auto-logging function for convenient continuous monitoring
- Limit alarm alerts when reading falls out of range
- Password protection for setup and calibration

Applications

- Water quality testing • Checking metal finishes • Solutions • Cooling tower water
- Printing fountain solutions • Boiler water
- Brines • Drilling mud • Rinse tanks • Ponds
- Pollution control • Recirculating systems
- Waste water • Industrial process systems
- General use in laboratories • Titration
- Quality assurance • Ecological studies
- Food-processing

Electrode arm and bracket available as separate accessory (order code: 01X321801) – please refer to page 106



The multi-parameter Eutech PC 700 measures pH, ORP, conductivity and temperature with a single meter. User-friendly with advanced features and a large custom-size display – perfect for research work on a budget!



Larger display



Electrode arm can be used on either side



Splashproof keypad



Non-skid foot pads



Integrated electrode holder

Fast response

Quick reference guide



Applications

- Water quality testing • Checking metal finishes • Solutions • Cooling tower water
- Printing fountain solutions • Boiler water • Brines • Drilling mud • Rinse tanks • Ponds
- Pollution control • Recirculating systems • Waste water • Industrial process systems
- General use in laboratories • Titration • Quality assurance • Ecological studies
- Food-processing

- Large, comprehensive screen that displays readings, calibration points and electrode indicator
- Ready indicator alerts when readings are stable
- Up to 5-point push button calibration
- Auto-ranging across 5 conductivity ranges
- Non-volatile memory holds up to 100 data points
- Integral electrode holder

* Electrode arm and bracket available as separate accessory (order code: 01X321801) – please refer to page 106



Models		Deluxe Bench	Economy Bench
		PC 2700	PC 700
Multi-Parameter Bench Meters Specifications			
Measuring Parameter		pH / ORP / Ion / Conductivity / TDS / Salinity / Resistivity / °C / °F	pH / ORP / Conductivity / TDS / °C / °F
Highlights		Graphic LCD with backlight & extensive display	Large LCD with dual display
pH	Range	-2.000 to 20.000 pH	-2.00 to 16.00 pH
	Resolution	0.1 / 0.01 / 0.001 pH	0.01 pH
	Accuracy	±0.002 pH	±0.01 pH
	Cal. Points	Up to 6	Up to 5
Ion	Concentration	0.001 to 19999	–
	Resolution	2 or 3 digits	–
	Accuracy	0.5 % full scale (monovalent) ; 1 % full scale (divalent)	–
	Cal. Points	2 to 8	–
Temperature	Range (Meter)	0.0 to 100.0 °C / 32.0 to 212.0 °F	
	Resolution	0.1 °C / 0.1 °F	
	Accuracy	±0.3 °C / ±0.5 °F	±0.5 °C / ±0.9 °F
ORP	Range	±2000.0 mV	±2000 mV
	Resolution	0.1 mV	0.1 mV (±199.9 mV) ; 1 mV (beyond)
	Accuracy	±0.2 mV	±0.2 mV (±199.9 mV) ; ±2 mV (beyond)
Conductivity	Range	0.050 µS to 500.0 mS	0.0 µS to 200.0 mS
	Resolution	0.01 / 0.1 µS ; 0.001 / 0.01 / 0.1 mS	0.01 / 0.1 / 1 µS ; 0.01 / 0.1 mS
	Accuracy	±1 % full scale	±1 % full scale
TDS	Range	0.050 ppm to 500 ppt (@ TDS factor 1.00)	.. to 100.0 ppt @ 0.5 fact (200.0 @ 1 factor)
	Resolution	0.01 / 0.1 ppm ; 0.001 / 0.01 / 0.1 ppt	0.01 / 0.1 / 1 ppm ; 0.01 / 0.1 ppt
	Accuracy	±1 % full scale	±1 % full scale
Salinity	Range	0.0 to 80.0 ppt	–
	Resolution	0.1 ppt	–
	Accuracy	±1 % full scale	–
Resistivity	Range	2.000 Ω to 20.0 MΩ	–
	Resolution	0.01 / 0.1 Ω ; 0.001 / 0.1 kΩ ; 0.01 MΩ	–
	Accuracy	±1 % full scale	–
Dissolved Oxygen (BOD, OUR, SOUR)	Range	–	–
	Resolution	–	–
	Accuracy	–	–
Meter Features	Temperature Compensation	ATC / MTC	
	GLP	Yes	–
	Datalogging	Yes	–
	Memory	500 data sets	100 data sets
	Operating Temp.	0 to 50 °C / 32 to 122 °F	
	LCD Display	Graphic LCD with backlight (5.9 x 7.8 cm)	Custom dual-display LCD (5.6 x 7.5 cm)
	Input	DC socket, 2.5 mm phono (ATC), BNC, 8-pin DIN (2-cell or 4-cell), RS232	
	Output	RS232	–
	Power	9 V DC adapter, 1.3 A (100 / 240 VAC, SMPS)	
Dimensions (LxWxH); Weight	Meter	17.5 x 15.5 x 6.9 cm ; 650 g	
	Boxed	30.8 x 23.5 x 12.4 cm ; 1800 g	

* Maximum 199.9 ppt depending on factor setting ** Maximum 500.0 ppt depending on factor setting

Multi-Parameter Bench Meters

Item	Order Code	Part No.	Parameters							Electrodes				Accessories				
			pH	ORP	Ion	Conductivity	TDS	Salinity	Resistivity	Temperature	pH Electrode (ECFC7252101B)	pH Electrode (ECFG7370101B)	Conductivity Electrode (CONSEN9501D)	Conductivity Electrode (CONSEN9201D)	Integral Electrode Holder	RS232 Cable (30X427301)	Power Adapter	pH Electrode Refill Solution, 60 ml
PC 2700	ECPC270043S	01X543906	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PC 700	ECPC70043S	01X543601	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Replacement Electrodes & Accessories

Used With	Description	Order Code	Part No.
PC 2700	Glass body double junction Ag/AgCl refillable pH electrode, 12 x 110 mm, BNC connector, 1 m cable	ECFG7370101B	93X218819
PC 700	General purpose plastic-body single junction gel-filled pH combination electrode, 12 x 90 mm, BNC connector, 1 m cable	ECFC7252101B	01X099412
PC 2700	4-cell, epoxy body, graphite sensor, "Bulls Eye" Conductivity electrode, ATC, cell constant=0.530, 12 x 120 mm, 8-pin DIN connector, 1 m cable	CONSEN9201D	01X244730
PC 700	2-cell, stainless steel sensor, ultem-body Conductivity electrode, ATC, cell constant K=1.0, 16 x 144 mm, 8-pin DIN connector, 1 m cable	CONSEN9501D	01X466601
PC 2700	100 / 240 VAC SMPS power adapter, 9V, 6W	60X426401	60X426401
PC 700	100 / 240 VAC SMPS power adapter, 9V, 6W	60X030130	60X030130
PC 2700	RS232 to USB cable – use with 30X427301 cable to connect 2700 to USB port of PC	30X544601	30X544601

Multi-Parameter

