



Eutech manufactures a comprehensive range of laboratory and field instrumentation for water analysis. Eutech also produces on-line process instruments for water quality monitoring and control. Innovative products from Eutech include:

- (a) Pocket-sized Testers
- (b) Waterproof Testers
- (c) Waterproof Hand-held Meters
- (d) Laboratory Bench Meters
- (e) Industrial Process Controllers
- (f) Hand-held Meters

**ISO 9001**  
CERTIFIED

**WORLD-WIDE SALES AND SERVICE SUPPORT**

Eutech provides world-wide sales and service support for all its products through its network of international distributors. Contact Eutech for details of your nearest distributor.

*Note: Eutech reserves the right to make changes, improvements and modifications to products shown, without prior notice.*

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INSTRUMENTS

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**Ordering Information**

Order No.	Item
EC-PHWP310/02K	Waterproof CyberScan pH 310 meter with EC-FE72522-01B, EC-PHWP-TEM01W and EC-PHWP-KIT
EC-PHWP300/02K	Waterproof CyberScan pH 300 meter with EC-FE72522-01B, EC-PHWP-TEM01W and EC-PHWP-KIT
EC-CONWP410/03K	Waterproof CyberScan CON 410 meter with EC-CONSEN91W and EC-CONWP-KIT
EC-CONWP400/03K	Waterproof CyberScan CON 400 meter with EC-CONSEN91W and EC-CONWP-KIT
EC-TDSWP400/03K	Waterproof CyberScan TDS 400 meter with EC-CONSEN91W and EC-CONWP-KIT
EC-DOWP310/01K	Waterproof CyberScan DO 310 meter with EC-DOHANDY, EC-DOHDYKTNEW and EC-DOWPDRY-KT
EC-DOWP300/01K	Waterproof CyberScan DO 300 meter with EC-DOHANDY, EC-DOHDYKTNEW and EC-DOWPDRY-KT
EC-PCWP300/03K	Waterproof CyberScan PC 300 meter with EC-FE72522-01B, EC-CONSEN91W and EC-PCWP-KIT
EC-PDWP300/03K	Waterproof CyberScan PD 300 meter with EC-FE72522-05B, EC-DOHANDY, EC-DOHDYKTNEW and EC-PHWP-KIT
EC-FE72522-01B	Epoxy-body double junction pH electrode (1m cable)
EC-FE72522-05B	Epoxy-body double junction pH electrode (5m cable)
EC-FE73528-01W	Epoxy-body 3-in-1 pH/Temp. combination electrode (1m cable)
EC-FE79602-01B	Epoxy-body double junction ORP electrode (1m cable)
EC-CONSEN91W	Ultra-body 2 stainless steel rings electrode with ATC (1m cable)
EC-DOHANDY	Dissolved oxygen galvanic electrode with ATC (3m cable)
EC-DOHDYKTNEW	DO probe maintenance kit for EC-DOHANDY
EC-PHWP-TEM01W	Temperature probe (1m cable)
EC-PHWP-KIT	pH carrying kit with buffer solutions and rinse bottle
EC-CONWP-KIT	Conductivity carrying kit with standards solutions and rinse bottle
EC-PCWP-KIT	pH/Conductivity carrying kit with buffer and standards solutions and rinse bottle
EC-WPDRY-KIT	Neutral carrying kit for Waterproof CyberScan series meters

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**EUTECH**  
INSTRUMENTS  
Technology Made Easy ...



**Water Testing On The Go ...**

**CyberScan**  
MEAS  
READY  
7.0  
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**Corporate Profile**

**A Leader In The Field of Electrochemical Instrumentation**

Eutech Instruments is a dynamic company rapidly positioning itself globally as a leading manufacturer of electrochemical instrumentation for water analysis. A pioneer in developing ASIC-based (Application Specific Integrated Circuit) instruments, Eutech Instruments has gained international awards and recognition for its achievements in sensor technology, software programming and product design. Underlying its strong commitment to Research & Development, is the constant drive by Eutech engineers to apply new, emerging

technologies to the design and manufacture of advanced electrochemical instruments. Eutech offers a comprehensive range of laboratory and field instrumentation for water analysis and continuous on-line process instruments

for monitoring and control of pH, Conductivity,

Total Dissolved Solids, Redox Potential

(ORP), Temperature and Dissolved

Oxygen (DO). Eutech's products

are certified to comply with

global standards for

electromagnetic emission

and interference.

Eutech Instruments is

dedicated to producing

convenience products

for water analysis.



**Accessories**

**CALIBRATING SOLUTIONS/SACHETS**

Eutech Instruments offers a useful range of calibrating solutions for pH, Conductivity/TDS and Ion standards. They come in bottles or single use sachets; also available are pre-treatment and cleaning solutions.

**CARRYING KIT**

Made of rugged reinforced plastic, the carrying kit contains calibrating solutions, sample bottles, and compartments for the meter and electrode. Perfect for storage and field use.

**WARRANTY**

Eutech Instruments its meters free from manufacturing defects for 3 years and electrodes for 6 months.



## CyberScan pH 300/310

The Waterproof CyberScan Series 300 pH meters use a new generation Application Specific Integrated Circuit (ASIC). The ASIC microprocessor offers high level of sophistication with user-customisable functions while maintaining a user-friendly interface. The CyberScan pH300 measures pH/mV/°C and CyberScan pH310 measures pH/mV/°C/°F with date/time stamping; ideal for indoor/field measurements.

- **Multi-point Push-Button Calibration** ensures full-range accuracy
- **Auto-buffer Recognition** minimises calibration errors
- **Choice of USA, NIST and DIN buffer standards** suits individual preferences
- **Large memory** stores and recalls **up to 50 data sets with date/time stamping**; ideal for Good Laboratory Practice (GLP) purposes
- **Auto-Hold function** freezes reading automatically for easy recording and review
- **Self-diagnostic messages** provide comprehensive electrode characteristics and calibration data

Specifications: CyberScan pH Series	pH 300	pH 310
pH Range	-2.00 to 16.00 pH	•
Resolution & Accuracy	0.01 pH & ±0.01 pH	•
mV Range (Extended)	-199.9 to 199.9 mV	•
mV Range	-1999 to 1999 mV	•
Resolution & Accuracy	0.1 mV & ±0.2 mV (within ±199.9 mV); 1 mV & ±2 mV (beyond ±200 mV)	•
Temperature Range	-10 °C to 110 °C (14 °F to 230 °F)	•
Resolution & Accuracy	0.1 °C & ±0.3 °C (0.5 °F)	•
Temperature Compensation	Automatic / manual (0 to 100 °C)	•
No. of Calibration points	1 to 5 points (Up to 6 for pH 310 using DIN)	•
pH Buffer Options	USA (pH 1.68, 4.01, 7.00, 10.01, 12.45) NIST (pH 1.68, 4.01, 6.86, 9.18, 12.45) DIN (pH 1.09, 3.06, 4.65, 6.79, 9.23, 12.75)	•
Date & Time Stamping		•
Memory	16	50
Hold Function	Yes	•
Auto-power Off	20 minutes after last key operation	•
Electrode Diagnosis	pH slope/offset display	•
Power Requirements	4 'AAA' Batteries; >200 hours	•



### Shipping Information: Dimensions/Weight:

Meter: 19(L) x 10(W) x 36(H) cm; 320g  
Boxed: 24(L) x 23(W) x 7(H) cm; 700g  
Carrying Kit: 40(L) x 30(W) x 10(H) cm; 1.2kg

## CyberScan DO 300/310

These generation Waterproof CyberScan Series 300 DO meters are ASIC-based and offer advanced features with simple sophistication. Galvanic probes with integral ATC, require little or no maintenance, a good alternative to conventional amperometric probes. The CyberScan DO 310 has a Back-lit Display convenient for night view.

- **Push-Button Calibration** simplifies calibration procedures
- **Barometric and Salinity Compensation** features correct readings automatically
- **Galvanic** DO probe requires no warm-up time and delivers quick, stable readings
- **Large memory** stores and recalls **up to 50 data sets with date/time stamping**; ideal for Good Laboratory Practice (GLP) purposes
- **Self-diagnostic messages** provide comprehensive electrode characteristics and calibration data



Specifications: CyberScan CON Series	CON 400	TDS 400	CON 410
Conductivity Range	0 to 19.99, 199.9, 1999 µS/cm; 19.99, 199.9 mS/cm	•	•
TDS Range	0 to 9.99, 99.9, 999 ppm; 9.99, 99.9 ppt, 199.9 ppt (depending on factor setting)	•	•
Resolution & Accuracy	0.05% Full Scale & ±1% Full Scale + 1 digit	•	•
Temperature Range	0 to 100.0 °C (32.0 to 212 °F)	•	•
Resolution & Accuracy	0.1 °C (0.1 °F) & ±0.3 °C (0.5 °F)	•	•
Temperature Compensation	Automatic / manual (0 to 80 °C)	•	•
No. of Calibration points	Up to 5 points (max. 1 per range)	•	•
Temperature Coefficient	0.0 to 10.0 % / °C (adjustable)	•	•
Normalisation Temperature	15.0 to 30.0 °C (adjustable)	•	•
Cond. to TDS Conversion	0.40 to 1.00 (default 0.50)	•	•
Cell Constant	0.1, 1.0, 10.0 (selectable)	•	•
Memory	50 Data Sets	•	•
Date & Time Stamping	Yes	•	•
Hold Function	Yes	•	•
Auto-power Off	20 minutes after last key operation	•	•
Power Requirements	4 'AAA' Batteries; > 200 hours	•	•

Specifications: CyberScan DO Series	DO 300	DO 310
DO Range	0.00 to 19.99 mg/l or ppm; 0.0 to 199.9%	•
Resolution & Accuracy	0.01 mg/l; 0.01 ppm or 0.1% & ±1.5% Full Scale	•
Temperature Range	-10.0 to 110.0 °C (14.0 to 230 °F)	•
Resolution & Accuracy	0.1 °C (0.1 °F) & ±0.3 °C (0.5 °F)	•
Temperature Compensation	Automatic / manual (0 to 100 °C)	•
No. of Calibration points	1 point (100% air saturation or in air saturated water)	•
Barometric Pressure & Salinity correct	Automatic correction after manual input	•
Date & Time Stamping	Yes	•
Memory	50 Data Sets	•
Back-lit Display	—	•
Probe Type & Response	Galvanic & 40 sec to reach 93% of readings	•
Hold Function	Yes	•
Auto-power Off	20 minutes after last key operation	•
Power Requirements	4 'AAA' Batteries; > 100 hours	•

## CyberScan PC 300



Eutech's multiparameter Waterproof CyberScan PC 300 meter is IP 67 rated and packed with advanced features. Meter is designed to use separate probes for pH and Conductivity.

- **Multi-point Push-Button Calibration** ensures full-range accuracy
- **Auto-buffer Recognition** minimises calibration errors
- **Auto-ranging Capability** quickly detects appropriate measurement range; eliminate guesswork
- **User-customizable Functions** like Temperature Coefficient, Normalisation Temperature, TDS factor are adjustable for specific requirements
- **Interchangeable Probes** offer flexibility for use with specialised electrodes for wider applications

Specifications: CyberScan PC 300	
pH Range	-2.00 to 16.00 pH
Resolution & Accuracy	0.01 pH & ±0.01 pH
Conductivity Range	0 to 19.99, 199.9, 1999 µS/cm; 19.99, 199.9 mS/cm
Resolution & Accuracy	0.01, 0.1, 1 µS; 0.01, 0.1 mS & ±1% Full Scale + 1 digit
TDS Range	0 to 9.99, 99.9, 999 ppm; 9.99, 99.9 ppt, max of 199.9 ppt based on factor setting
Resolution & Accuracy	0.01, 0.1, 1 ppm; 0.01, 0.1 ppt & ±1% Full Scale + 1 digit
Temperature Range	0 to 100.0 °C; 32.0 to 212 °F
Resolution & Accuracy	0.1 °C (0.1 °F) & ±0.3 °C (0.5 °F)
Temperature Compensation	Automatic / manual (0 to 80 °C)
No. of pH Calibration points	Up to 5 points
pH Buffer Option	USA: pH 1.68, 4.01, 7.00, 10.01, 12.45 NIST: pH 1.68, 4.01, 6.86, 9.18, 12.45
No. of Cond. Calibration points	Up to 5 points (max. 1 per range)
Temperature Coefficient	0.0 to 10.0 % / °C (adjustable)
Normalisation Temperature	15.0 to 30.0 °C (adjustable)
Cond. to TDS conversion	0.40 to 1.00 (adjustable)
Hold Function	Yes
Auto-power Off	20 minutes after last key operation
Power Requirements	4 'AAA' Batteries; > 200 hours

## CyberScan PD 300

Combining pH and Dissolved Oxygen, the Waterproof CyberScan PD 300 uses ASIC technology and has advanced user-customisable functions to suit individual needs. Back-lit display allows night view, suitable for shrimp/fish-farming, water treatment, environmental monitoring and field measurements.

- **Multi-point Push-Button Calibration** ensures full-range accuracy
- **Buffer Recognition** minimises calibration errors
- **Galvanic** DO probe requires no warm-up time and delivers quick, stable readings
- **Barometric and Salinity Compensation** corrects readings automatically for reliable measurements
- **Self-diagnostic messages provide** comprehensive meter information for easy troubleshooting

Specifications: CyberScan PD 300	
pH	Range: -2.00 to 16.00 pH Resolution: 0.01 pH Accuracy: ±0.01 pH
Dissolved Oxygen	Range: 0.00 to 19.99 mg/l (ppm) / 0.0 to 199.9% Resolution: 0.01 mg/l (ppm)/0.1% Accuracy: ±1.5% Full Scale
Temperature	Range: -10.0 to 110.0 °C (14.0 to 230 °F) Resolution: 0.1 °C (0.1 °F) Accuracy: ±0.3 °C (0.5 °F)
Barometric Pressure & Salinity Correction	Automatic correction after manual input
Probe Type & Response	Galvanic & 40 sec to reach 93% of readings
No. of Calibration Points	Single point at 100% (in saturated air) or in air saturated water
Temperature Compensation	Automatic/manual (0 to 100 °C)
pH Calibration	Up to 5 points (pH 1.68, 4.01, 7.00, 10.01 & 12.45)
pH Slope & Offset Display	Yes
Hold Function	Yes
Auto-power Off	20 minutes after last key operation
Averaging/Stability	Yes
Power Requirements	4 'AAA' batteries; > 100 hours



## CyberScan CON 400/410 & TDS 400

IP 67 rated, these new Waterproof CyberScan Series 400 Conductivity/TDS meters are equipped with ASIC technology and provide advanced user-friendly functions and deliver ±1% accuracy. The CyberScan CON400 and TDS400 measure Conductivity and TDS respectively with temperature (°C/°F) while CyberScan CON410 measures Conductivity/TDS and temperature, all in one meter.

- **Multi-point Push-Button Calibration** ensures ±1% full-range accuracy
- **Auto-ranging Capability** quickly detects appropriate measurement range; eliminate guesswork
- **Large memory** stores and recalls **up to 50 data sets with date/time stamping**; ideal for GLP purposes
- **User-customizable Functions** like Temperature Coefficient, Normalisation Temperature, TDS factor, cell constants are adjustable for specific requirements
- **Self-diagnostic messages** provide comprehensive electrode characteristics and calibration data



## Main Features

