

Waterproof CyberScan

Series 300

Multi-parameter



CyberScan PD 300 Meter

pH / Dissolved Oxygen / °C / °F Meter
with Back-lit Display



- Back-lit Display
- IP 67 rated and floats
- Microprocessor Based
- User Customizable Setup
- Multi-point Push Button Calibration
- Auto Buffer Recognition (pH)
- Manual Pressure Input and Automatic Correction
- Salinity Compensation up to 50.00 ppt
- Single-button Switch Between pH & Dissolved Oxygen
- Rugged and Long-lasting Submersible pH and DO probes
- Convenient field carrying case with calibration solutions



The Waterproof CyberScan PD 300 Multi-parameter meter is specially designed to meet the rigours of outdoor field measurement. It is equipped with an Application Specific Integrated Circuit (ASIC) microprocessor which provides many advanced features through its user customizable setup functions, while maintaining a user-friendly interface.

INNOVATIVE WATERPROOF DESIGN

The PD 300 is ergonomically designed to be waterproof (IP67) and extremely light. The meter floats in water and is suitable for outdoor use and convenient one-hand operation. Back-lit display is good for night use.

USER CUSTOMIZATION

The CyberScan PD 300 Multi-parameter meter permits user-customization of the following functions: Stability • mg/l or % saturation mode • Unit of temperature measurement (°C/°F) • Salinity correction • Barometric Pressure etc.

MULTI-POINT PUSH BUTTON CALIBRATION

Calibrate at up to 5 pH points for maximum full range accuracy. Auto-buffer recognition makes pH calibration procedure simple and easy. Calibration of DO is easy at the push of a button. You have choice of calibration in DO mode in either mg/l or % saturation mode.

PRESSURE AND SALINITY COMPENSATION

Barometric pressure and salinity values can be manually input in the setup option. The meter automatically compensates for temperature, thus eliminating the need for cumbersome charts. This gives flexibility for the meter to be used in different locations and different applications.



Specifications: CyberScan PD 300 Meter

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)
	Resolution	0.01 mg/l (ppm)
	Accuracy	±1.5% Full Scale
% Saturation of Oxygen	Range	0.0 to 199.9 %
	Resolution	0.1 %
	Accuracy	±1.5% Full Scale
Temperature	Range	-10.0 to 110.0 °C (14 to 230 °F)
	Resolution	0.1 °C (0.1 °F)
	Accuracy	±0.3 °C (±0.5 °F)
Salinity Correction	Range	0.0 to 50.0 ppt
	Resolution	0.1 ppt
	Method	Auto correction after manual input
Barometric Pressure Correction	Range	500 to 1499 mm Hg or 66.6 to 199.9 kPa
	Resolution	1 mm Hg or 0.1 kPa
	Method	Auto correction after manual input
DO Probe	Galvanic with integral Temperature Sensor	
Response Time	40 seconds to achieve 93% of the reading	
No. of Calibration Points	Single point at 100% (in saturated air) or in air saturated water	
Temperature Compensation	Automatic/manual (from 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 & Auto Power-off	Yes	
Averaging / Stability / Auto-hold	Yes	
Inputs	BNC for pH, 6-pin military type for DO & Temperature	
Display	Custom LCD	
Operating Temperature	0 to 50 °C	
Power Requirements	4 'AAA' batteries	
Battery Life	> 100 hours	
Dimension / Weight	Meter: 19 x 10 x 6 cm ; 320 g Case: 34 x 40 x 10 cm ; 2.2 kg	

1 Large customized LCD with back-lit display

2 pH & Conductivity Electrodes with ATC

3 Carrying case kit



AUTOMATIC TEMPERATURE COMPENSATION

Automatic temperature compensation for both pH and Dissolved Oxygen measurement ensures accuracy under varying temperature conditions. Option of °C or °F temperature units suits individual user preference.

ELECTRODE DIAGNOSIS

Condition of pH and Dissolved Oxygen electrodes can be viewed through the setup menu, making it easy for user to check on the status of electrodes.

RUGGED, ALL-WEATHER CARRYING CASE

A custom-built rugged carrying case provides for compact and convenient storage of meter, electrode, calibrating solutions and accessories, especially helpful for field testing.

WARRANTY

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

Eutech also provides meter accessories and calibration standards. Refer to separate brochures for information.

ORDERING INFORMATION

Order No.	Item
EC-PDWP300/03K	Waterproof PD 300 meter with EC-DOHANDY, EC-FE72522-05B, EC-DOHDYKTNEW and EC-PHWPKIT
EC-DOHANDY	Galvanic DO Probe with ATC (3m)
EC-FE72522-05B	Epoxy body double junction pH electrode (5m)
EC-DOHDYKTNEW	Maintenance kit for EC-DOHANDY
EC-PHWPKIT	Carrying case with calibration solutions

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