

Waterproof CyberScan

Series 300

for Dissolved Oxygen



CyberScan DO 300 Meter
mg/l / ppm / % / °C / °F Meter with Back Lit LCD



ISO 9001
CERTIFIED



• IP67

- Floats
- Microprocessor Based
- User Customizable Setup
- Manual Pressure Input and Automatic Correction
- Salinity Compensation up to 50.0 ppt
- Stores/Recalls Up To 50 Data Sets
- Date And Time Stamping - Perfect for GLP
- Rugged and Long-Lasting Submersible DO Probe
- Back-lit Display for Night Use



The Waterproof CyberScan Series 300 Dissolved Oxygen 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

Eutech waterproof hand-held meters are ergonomically designed to be waterproof (IP67) and light-weight. The meter even floats on water for easy retrieval; suitable for rugged outdoor use and convenient one-hand operation. The back-lit display for DO 300 makes it ideal for measurement at night and dark places!

USER CUSTOMIZATION

The CyberScan Series 300 Dissolved Oxygen meters permit user-customization of the following functions: • Ready • Auto-off • mg/l or % mode • Temperature Compensation • Barometric pressure • Salinity correction.

CONCENTRATION OR % MODE

At the push of a button, the meter switches measurement mode from mg/l or ppm to % saturation with the corresponding temperature.

PRESSURE AND SALINITY COMPENSATION

Barometric pressure and salinity values can be keyed manually into the setup option. The meter automatically takes care of the necessary compensation including temperature, thus eliminating the need for cumbersome charts. This gives flexibility for the meter to be used in different locations and different applications.

MEMORY WITH TIME/DATE STAMPING

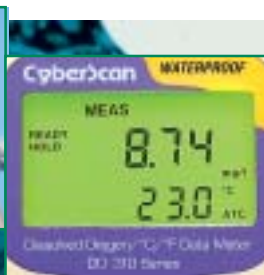
Up to 50 sets of data sets can be stored with respective temperature, time and date information; perfect for Good Laboratory Practice (GLP) requirements.

ELECTRODE DIAGNOSIS

Condition of electrode can be viewed through the setup menu, making it easy for user to check on the accuracy of readings.

Specifications: CyberScan DO 300 Meters

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 (14.0 to 230 °F)
	Resolution	0.1°C (0.1/1 °F if >199.9 °F)
	Accuracy	± 0.3 °C or 0.5 °F
Salinity Correction	Range	0.0 to 50.0 ppt
	Resolution	0.1 ppt
	Method	Automatic 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	Automatic correction after manual input
Probe	Galvanic	
Response Time	40 seconds to achieve 93% of reading	
Calibration	% Sat.	0 & 100% calibration
	mg/l	Offset calibration
Temperature Compensation	Automatic/Manual (from 0 to 100 °C)	
Memory	50 sets with date/time stamping	
Auto Power-off	20 minutes after last key operation	
Averaging/Stability/Auto-hold	Selectable	
Display	Custom LCD with back-lit	
Inputs	6-pin military type	
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
- 2 Probe connector
- 3 Meter floats in water
- 4 Back-lit display



ELECTRODE WITH BUILT-IN TEMPERATURE SENSOR

Galvanic cell allows instantaneous measurements without waiting for the probe to be polarised as is the case with amperometric electrodes. The rugged galvanic electrode is optimised for quick response and is able to withstand the rigours of portable use. It requires little or no maintenance and has built-in automatic temperature compensation. Includes an integral 3-metre waterproof cable. Maintenance kit with membranes and O-rings is also included.

EASY-TO-READ DISPLAY

The large custom LCD (Liquid Crystal Display) with Back-Lit shows both primary (Dissolved Oxygen) and secondary (Temperature) values measured, complete with mode and units of measure. Graphic Symbols and self-diagnostic message codes, such as condition of electrode, provide user comprehensive information for easy and trouble-free operation.

RUGGED, ALL-WEATHER CARRYING CASE

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

WARRANTY

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

ORDERING INFORMATION

Order No.	Item
EC-DOWP300/01K	CyberScan DO 300 meter with Back-Lit, EC-DOHANDY, EC-DOHDYKTNEW & EC-WPDRY-KIT
EC-DOHANDY	Submersible dissolved oxygen electrode with 3-metre cable (17 x 2.3 cm)
EC-DOHDYKTNEW	DO probe maintenance kit
EC-WPDRY-KIT	Carrying case with bottles for solution

Eutech Instruments also provides meter accessories. Refer to separate brochures for information.

Distributed By:

Note: We reserve the right to make changes, improvements and modifications to products shown.

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