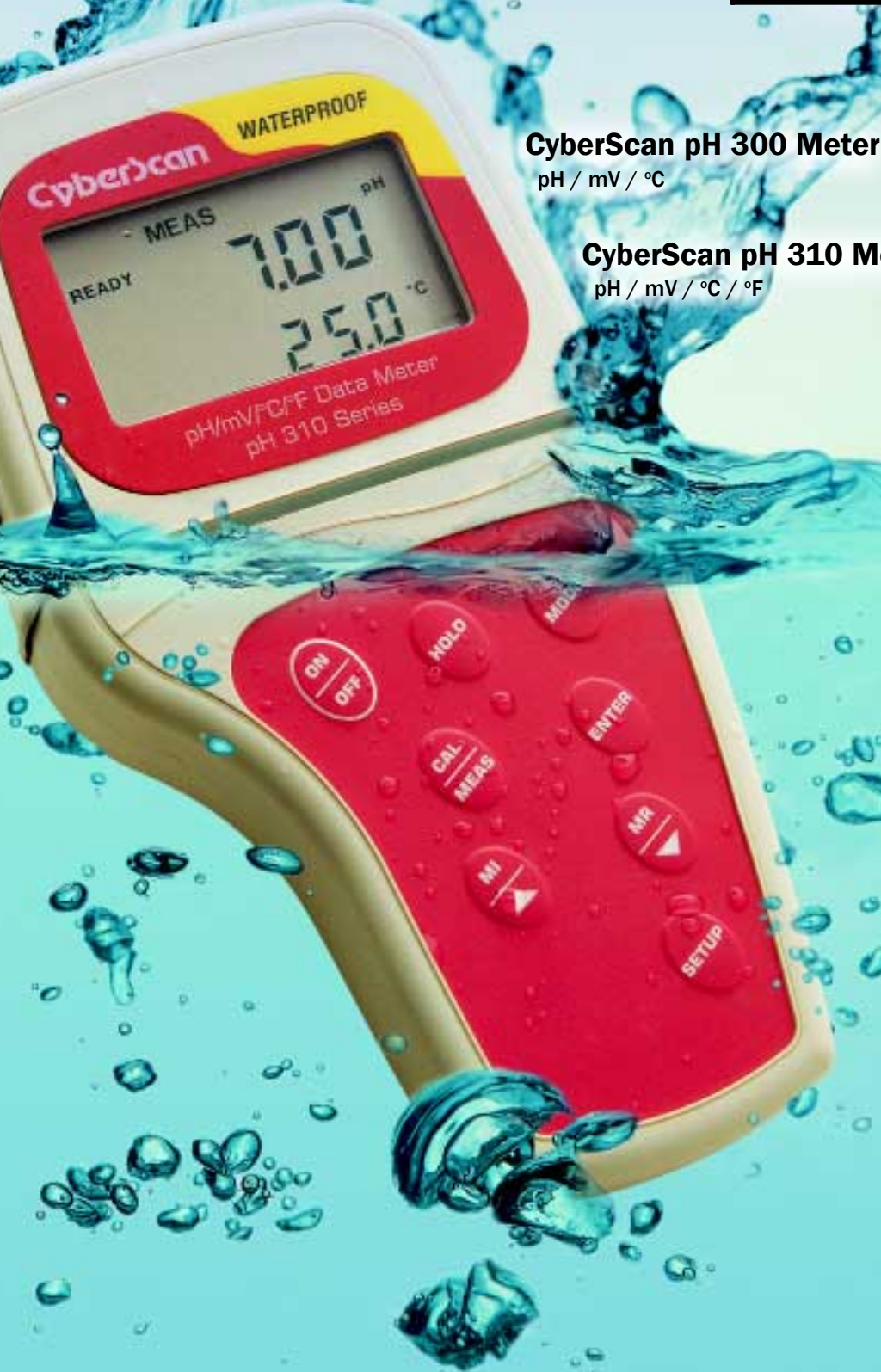


Waterproof CyberScan

Series 300

f o r p H



CyberScan pH 300 Meter
pH / mV / °C

CyberScan pH 310 Meter
pH / mV / °C / °F



- IP67
- Floats
- Microprocessor Based
- User Customizable Setup
- Multi-point Push Button Calibration
- Selectable Calibration Standards - NIST, DIN, USA
- Auto-hold
- Auto Buffer Recognition
- Stores/Recalls Up To 50 Data Sets
- Date And Time Stamp
- Designed For GLP

The Waterproof CyberScan Series 300 pH meters are specially designed to meet the rigours of outdoor field measurement. These meters are 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 extremely light. The meters even float in water for easy retrieval; suitable for rugged out-door use and convenient one hand operation.

USER CUSTOMIZATION

The CyberScan Series 300 pH meters permit user-customization of the following functions: • Stability • Time & date • Unit of temperature measurement (°C/°F) • Buffer standards, etc.

MULTI-POINT CALIBRATION AND BUFFER STANDARDS

Up to 6-point calibration with choice of NIST, DIN or USA buffer standard options, ensures maximum full range accuracy. It can be used in almost any part of the world making it ideal for all users.

AUTOMATIC TEMPERATURE COMPENSATION

Automatic temperature compensation assures accuracy under varying temperature conditions. Option of using °C or °F temperature units makes the meter convenient to use.

Specifications: CyberScan Waterproof Meters pH 300 310

pH Range	-2.00 to 16.00 pH	•	•
Resolution / Accuracy	0.01 pH / ±0.01 pH	•	•
Slope Range	80 to 120 %	•	•
Temperature Range	0.0 to 100.0 °C	•	•
	32.0 to 212 °F	•	•
Resolution / Accuracy	0.1 ° / ±0.3 °	•	•
Millivolt Range (Extended)	-200.0 to +200.0 mV	•	•
Resolution / Accuracy	0.1 mV / ± 0.2 mV	•	•
Millivolt Range	-2000 to +2000 mV	•	•
Resolution / Accuracy	1 mV / ± 2 mV	•	•
Temperature Compensation	Auto/manual (from 0 to 100 °C)	•	•
No. Of Calibration Points	1 to 6	•	•
No. Of Buffer Values	USA : 1.68, 4.01, 7.00, 10.01, 12.45	•	•
	NIST : 1.68, 4.01, 6.86, 9.18, 12.45	•	•
	DIN : 1.09, 3.06, 4.65, 6.79, 9.23, 12.75	•	•
pH Slope & Offset Display		•	•
Relative mV & Offset Display		•	•
Hold Function		•	•
Memory		16	50
Date & Time Stamping		•	•
Auto Power-off	After 30 minutes	•	•
Averaging/Stability	Selectable	•	•
Auto-hold		•	•
Inputs	BNC, 6-pin military type	•	•
Display	Custom Dual LCD	•	•
Power Requirements	4 'AAA' Batteries	•	•
Battery Life	> 200 hours	•	•
Dimension / Weight	Meter: 19 x 10 x 6 cm ; 320g	•	•
	Boxed: 24 x 23 x 7 cm ; 700g		



1 Large customized LCD

2 Back connector

3 Meter floats in water

4 Store up to 50 sets of data



MEMORY BACKUP AND TIME/DATE STAMPING

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

SELF DIAGNOSTIC MESSAGES

The ASIC microprocessor provides diagnostic information on: Electrode Characteristics (pH Slope & Offset); Time & Date of Calibration; Relative mV Base Value.

EASY-TO-READ DISPLAY

The large custom LCD (Liquid Crystal Display) shows both primary (pH/mV or date) and secondary (temperature or time) values measured, complete with mode and units of measure. Graphic symbols and self diagnostic message codes provide user comprehensive information for easy and trouble-free operation.

WARRANTY

Eutech Instruments warrants its products free from manufacturing defects. Refer to warranty card supplied with meter for more details.

ORDERING INFORMATION

Order No.	Item
EC-PHWP300/01	CyberScan pH300 meter with EC-PHWPTM-01W
EC-PHWP310/01	CyberScan pH310 meter with EC-PHWPTM-01W
EC-PHWPTM-01W	Temperature probe
EC-FE7252201B	Epoxy body double junction pH electrode (1m cable)
EC-FE7352801W	3-in-1 pH/temp combination probe (1m cable)

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

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