

# Water Quality Meters

## WTW ProfiLine 3310 Series Single Parameter Handheld Meters

For performing measurements with single values in a variety of applications.

The 3310 Series is the best choice where high capacity data logging is required whether you are measuring pH, D.O. or conductivity. Not only quality but also quantity makes the difference.

### FEATURES

- High capacity datalogging, 5000 data sets
- USB interface, fast data transfer
- Backlit graphic display
- Robust housing, 100% water-proof



pH 3310

Oxi 3310

Cond 3310

### MODEL DESCRIPTIONS

#### ProfiLine pH 3310

A convenient pH/mV instrument for many applications. The pH 3310 is a portable precision pH/mV meter with an intuitive user interface. The unique Continuous Measurement Control (CMC) feature ensures that measured values and calibration ranges are within the optimum range, particularly useful for someone less familiar with pH measurements.

The pH 3310 is an elegant combination of a portable meter and data logger for those who automatically save measurement data and want to process data on a PC.

#### ProfiLine Oxi 3310

The Oxi 3310 is a portable first class dissolved oxygen meter with intuitive, user-friendly interface. Measured values are displayed as concentration, saturation or partial pressure, individual values can also be manually saved and displayed on the screen.

Ideal for automatically recording and transmitting large amounts of data: The Oxi 3310 includes interval-controlled data logger and memory for 5000 entries – ideal for automatic data collection in the field.

#### ProfiLine Cond 3310

The versatile Cond 3310: Easily perform conductivity measurements in a wide variety of samples with either two- and/or four-electrode cells using this flexible meter, which offers the additional option of measuring with linear or without temperature compensation.

Automatically store or transmit data series: The Cond 3310 includes interval-controlled data logger. With a large memory capacity and a waterproof USB interface, the Cond 3310 is ideal for collecting large amounts of data, with date, time and ID #.

**CALL GEOTECH TODAY (800) 833-7958**

**Geotech Environmental Equipment, Inc.**

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • **(800) 833-7958** • FAX (303) 322-7242

email: [sales@geotechenv.com](mailto:sales@geotechenv.com) website: [www.geotechenv.com](http://www.geotechenv.com)

## WTW ProfiLine 3310 Series Single Parameter Handheld Meters

### SPECIFICATIONS

Instrument	
Calibration Memory	Up to 10 calibrations
Celsius/Fahrenheit	Yes
AutoRead	Automatic/Manual Selectable
Display	LCD graphic display, backlit
Data Memory	Manual 200/5000 automatic
Logger	Manual/Time Controlled
Interface	USB 1.1
Power Supply	4 x 1.5V AA or 4 x 1.2V NiMH rechargeable battery
Continuous Operation Time	Up to 100 hours/800 hours without backlit
Protection Class	IP-67
<b>pH 3310, pH/ION 3310</b>	
pH	-2.0 – 20.0 $\pm 0.1$ pH -2.00 – 20.00 $\pm 0.01$ pH -2.000 – 19.999 $\pm 0.005$ pH
mV	$\pm 1200.0 \pm 0.3$ mV $\pm (2500 \pm 1)$ mV
ISE (mg/l, $\mu$ mol/l, mg/kg, ppm, %)	0.000 – 9.999 (Not pH 3310) 10.00 – 99.99 100.0 – 999.9 1000 – 999999
Temperature	-5.0 – 105.0°C $\pm 0.1$ °C
CMC	Yes
Calibration	1-, 2-, 3-, 4-, 5-point WTW Technical NIST and 20 additional buffer sets
<b>Oxi 3310</b>	
Dissolved Oxygen Concentration*	0.00 – 20.00 mg/l $\pm 0.5\%$ of value 0 – 90 mg/L $\pm 0.5\%$ of value
Saturation*	0.0 – 200.0% $\pm 0.5\%$ of value 0 – 600% $\pm 0.5$ of value
Partial Pressure*	0 – 200.0 hPa, 0 – 1250 hPa. $\pm 0.5\%$ of value
Temperature	-5.0 – 50.0°C $\pm 0.1$ °C
Calibration	CellOx®/DurOx® with calibration vessels versus external standard
Built-in Barometric Sensor	Yes
* depending	
<b>Cond 3310</b>	
Conductivity mS/cm	0.0 – 1000 mS/cm $\pm 0.5\%$ of value
Additionally Conductivity $\mu$ S/cm	0.000 – 1.999 $\mu$ S/cm K = 0.01 cm <sup>-1</sup> 0.00 – 19.99 $\mu$ S/cm K = 0.1 cm <sup>-1</sup>
Specific Resistance	0.00 – 20 M $\Omega$ cm
Cell Constants	fixed: 0.010 cm <sup>-1</sup> calibratable: 0.450 – 0.500 cm <sup>-1</sup> 0.800 – 0.880 cm <sup>-1</sup> adjustable: 0.090 – 0.110 cm <sup>-1</sup> 0.250 – 25.000 cm <sup>-1</sup>
Salinity	0.0 – 70.0 (acc. IOT)
TDS	0 – 1999 mg/l. 0 bis 199.9 g/l
Temperature	-5.0° – 105.0°C $\pm 0.1$ °C
Tref	20°C/25°C
Temperature Compensation	None. nIF. 0.000 – 3.000%/K

# Water Quality Meters

## WTW ProfiLine 3310 Series Single Parameter Handheld Meters

### ORDERING INFORMATION

Model	Description
pH/ION 3310	Professional pH/mV/ISE meter with DIN socket, backlit graphic display, for mobile application with data logger and USB interface. Meter, insulated carry case, instruction manual, CD-ROM and batteries, cable.
pH 3310	Professional, field proven pH/mV-meter with backlit graphic display, for portable application with data logger and USB interface. Meter, insulated carry case, short instruction manual, CD-ROM and batteries, cable.
pH 3310 Set 2	Professional, field proven pH/mV-meter with backlit graphic display, for portable application with data logger and USB interface. Meter in carry case with pH electrode SenTix® 41, buffer solution STP 4 and STP 7, stand, beaker, CD-ROM, driver software for USB, batteries, cable.
Oxi 3310	Professional, field proven D.O. meter with backlit graphic display for portable application including data logger and USB interface. Meter, insulated carry case, short instruction manual, CD-ROM and batteries.
Oxi 3310 Set 1	Professional, field proven D.O. meter with backlit graphic display for portable application including data logger and USB interface. Meter with carry case including galvanic D.O. probe CelloX® 325, cleaning solution, electrolyte, 3 exchange membrane heads, stand, beaker. Including short instruction manual, CD-ROM, batteries, driver software for USB, cable.
Cond 3310	Professional, field proven conductivity meter with backlit LCD-graphic display for field application including data logger, USB-interface. Meter, insulated carry case, short instruction manual, CD-ROM and batteries.
Cond 3310 Set 1	Professional, field proven conductivity meter with backlit graphic display for field application including data logger, USB-interface. Meter with carry case including 4-electrode conductivity cell TetraCon® 325, standard solution 1413 µS/cm at 25°C, stand, beaker, short instruction manual, CD-ROM and batteries, driver software for USB, cable.



Set Carry Case

### Field Sets for Portables

Handhelds are available in convenient carry cases including sensors and accessories for immediate use. Meter sets with three sensors will be delivered in the large field case including accessories.

**CALL GEOTECH TODAY (800) 833-7958**

**Geotech Environmental Equipment, Inc.**

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • **(800) 833-7958** • FAX (303) 322-7242

email: [sales@geotechenv.com](mailto:sales@geotechenv.com) website: [www.geotechenv.com](http://www.geotechenv.com)