

Water Quality Meters

WTW 3310 Single Parameter Handheld Meters

pH 3310, Oxi 3310 and Cond 3310 are excellent instruments for all portable field measurement applications. These meters feature extended data memory, logging up to 5000 GLP-compliant data sets with the option to activate the time-controlled data-logging function. When this function is activated, the user can adjust the time intervals for data collection. This is ideal for long term field monitoring. A special sleep mode saves power and battery life when performing long term monitoring. No need to worry about stored data either, if the battery should drain during operation the data will not be erased. After your measurements are complete and your data is collected, simply transfer the information over to a PC via our unique waterproof mini-USB interface.

FEATURES

- Professional, field proven meters
- Backlit LCD-graphic display for mobile measurement
- Interval controlled data-logging function for up to 5000 records – perfect for monitoring extended data in the field
- Guaranteed waterproof mini-USB interface for field application
- Fast data output to lap-top or desk-top via USB

APPLICATIONS

Demanding portable measurements in any industry where high-functionality and GLP compliant results are mandated.



pH 3310

Oxi 3310

Cond 3310

CONFIGURATIONS

pH 3310

Professional pH/mV meter instrument only with short instruction manual, CD-ROM, batteries, driver software for USB, cable.

pH 3310 SET SenTix® 41

- pH 3310 pH/mV meter • Field case • pH-Sensor SenTix® 41 • Buffer STP 4 and STP 7 • Stand • Beaker • Short instruction manual • CD-ROM • USB software • Batteries • Cable

pH 3310 SET Drinking Water SET

- pH 3310 pH/mV meter • Field case • pH Sensor SenTix® 81 • Buffer STP 4 and STP 7 • Stand • Beaker • Short instruction manual • CD-ROM • USB software • Batteries • Cable • Measuring vessel MG/pH

pH 3310 SET SenTix® 51

- pH 3310 pH/mV meter • Field case • pH-Sensor SenTix® 51 • Buffer STP 4 and STP 7 • Stand • Beaker • Short instruction manual • CD-ROM • USB software • Batteries • Cable

Oxi 3310

Professional DO meter instrument only with short instruction manual, CD-ROM, batteries, driver software for USB, and cable.

Oxi 3310 SET CelloX® 325

- Oxi 3310 DO meter • Field case • Galvanic DO-probe CelloX® 325 • Cleaning solution • Electrolyte • 3 exchange membrane heads • Stand • Beaker • Short instruction manual • CD-ROM • Batteries • USB software • Cable

Oxi 3310 SET CelloX® 325-3

- Oxi 3310 DO meter • Field case • Galvanic DO-probe CelloX® 325-3 • Cleaning solution • Electrolyte • 3 exchange membrane heads • Stand • Beaker • Short instruction manual • CD-ROM • Batteries • USB software • Cable

Cond 3310

Professional conductivity meter instrument only with short instruction manual, CD-ROM, batteries, driver software for USB, and cable.

Cond 3310 SET TetraCon® 325

- Cond 3310 conductivity meter • Field case • 4 electrode conductivity cell TetraCon® 325 • Standard solution 1413 $\mu\text{S}/\text{cm}$ at 25°C • Stand • Beaker • Short instruction manual • CD-ROM • Batteries • USB software • Cable

Cond 3310 SET TetraCon® 325-3

- Cond 3310 conductivity meter • Field case • 4 electrode conductivity cell TetraCon® 325-3 • Standard solution 1413 $\mu\text{S}/\text{cm}$ at 25°C • Stand • Beaker • Short instruction manual • CD-ROM • Batteries • USB software • Cable

Cond 3310 SET LR 325/01

- Cond 3310 conductivity meter • Field case • 2-electrode pure water cell LR 325/01 • Flow-through vessel • Stand • Beaker • Short instruction manual • CD-ROM • Batteries • USB software • Cable

CALL GEOTECH TODAY (800) 833-7958

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Water Quality Meters

WTW 3310 Single Parameter Handheld Meters

SPECIFICATIONS			
Instrument	pH 3310 All values ± 1 digit	Oxi 3310 All values \pm digit	Cond 3310 All values \pm digit
pH	-2.0 to 19.9 ± 0.1 pH -2.00 to 19.99 ± 0.01 pH -2.000 to 19.999 ± 0.005 pH	– – –	– – –
mV	± 1200.0 mV ± 0.3 mV $\pm(2000 \pm 1)$ mV	– –	– –
Dissolved Oxygen			
Conc.	–	0.00 to 19.99 mg/L $\pm 0.5\%$ of value 0 to 90 mg/L $\pm 0.5\%$ of value	– –
Sat.	–	0.0 to 199.9% $\pm 0.5\%$ of value	–
Partial Pressure	–	0 to 600% $\pm 0.5\%$ of value	–
	–	0 to 199.9 hPa, 0 to 1250 hPa. $\pm 0.5\%$ of value	–
Conductivity	–	–	0.00 to 1000 mS/cm $\pm 0.5\%$ v. Mw. 0.000 to 1.999 μ S/cm, K = 0.01 cm ⁻¹ 0.00 to 19.99 μ S/cm, K = 0.1 cm ⁻¹
Spec. Resistance	–	–	0.00 to 20 Mohm cm
Cell Constants	–	–	Fixed 0.475 cm ⁻¹ , 1.0 cm ⁻¹ , 0.01 cm ⁻¹ For calibration: 0.450 to 0.500 cm ⁻¹ , 0.585 to 0.715 cm ⁻¹ , 0.800 to 1.200 cm ⁻¹ Standard: 0.01 mol/L KCl Adjustable: 0,090 to 0,110 cm ⁻¹
Salinity	–	–	0.0 to 70.0 (acc. IOT)
TDS	–	–	0 to 1999 mg/l, 0 to 199, 9 g/l
Temperature	-5.0 to 105.0°C ± 0.1 °C	-5.0 to 105.0°C ± 0.1 °C	-5.0 to 105.0°C ± 0.1 °C
Celsius/Fahrenheit	Yes	Yes	Yes
AutoRead	Automatic/Manual	Automatic/Manual	Automatic/Manual
CMC	Yes	–	–
Sensor Plug/T-sensor	DIN/ 4mm Banana	–	8 pin
Calibration	1-, 2-, 3-, 4-, 5-Point WTW Techn. NIST further 16 buffer sets	CellOx/DurOx with OxiCal-calibration vessels + versus external standard	1-point
Tref	–	–	20°C/25°C
Temperature Compensation	–	–	none, nLF, 0,000 to 10,00%/K
Calibration Memory	Last 5	Last 5	Last 5
Built-in Pressure Sensor	–	Yes	–
Display	LCD backlit graphic	LCD backlit graphic	LCD backlit graphic
Memory	Manual 200/5000 automatic	Manual 200/5000 automatic	Manual 200/5000 automatic
Logger	Manual/time controlled	Manual/time controlled	Manual/time controlled
Interface	USB	USB slave	USB slave
Power Supply	4 x 1.5V AA or 4 x 1.2V NiMH	4 x 1.5V AA or 4 x 1.2V NiMH	4 x 1.5V AA or 4 x 1.2V NiMH

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