

Water Quality Meters

WTW ProfiLine 3110 Series and 3205 Single Parameter Handheld Meters

The pH 3110 is the right choice for those looking for a simple, rugged and waterproof device for portable pH measurement. The keypad with only 6 buttons and the automatic AutoRead function for reproducible measured values provide safe pH measurements and prevent errors.

Conductivity measurement made simple: the Cond 3110 is a rugged and waterproof device for portable conductivity measurement. Easy-to-use, with preset nLF temperature compensation according to EN 27888 for measuring in wastewater and natural waters.

The Oxi 3205 is an easy-to-use, rugged and waterproof portable meter for the measurement of dissolved oxygen. It is suitable for galvanic DO sensors, with adjustable automatic salinity correction. The readings are displayed as saturation or concentration.

FEATURES

ProfiLine pH 3110

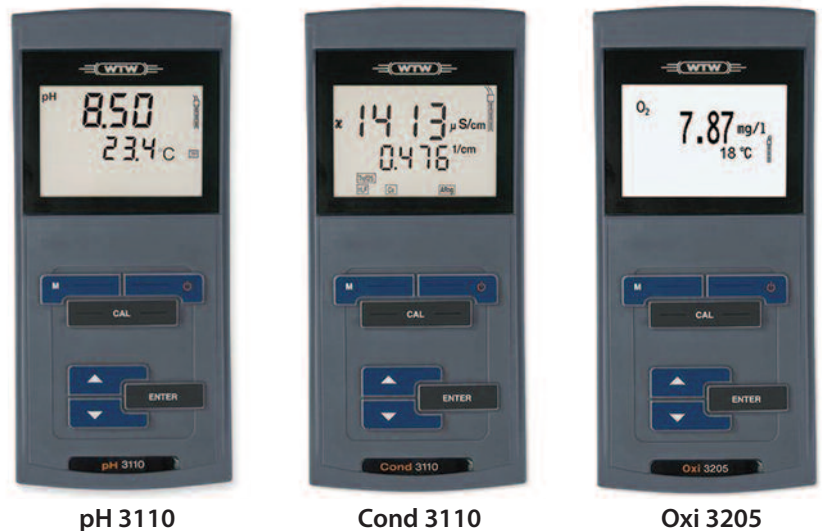
- pH or ORP measurements
- 3-point calibration
- Built-in calibration timer for reliable results

ProfiLine Cond 3110

- For KLE 325 or TetraCon® 325 cells
- Automatic temperature compensation
- Salinity measurement

ProfiLine Oxi 3205

- CellOx® and DurOx® can be connected
- Backlit graphic display
- Automatic air pressure compensation



pH 3110

Cond 3110

Oxi 3205

MODEL DESCRIPTIONS

ProfiLine pH 3110

- Robust meter housing plus 100 % waterproof and easy-to-clean keypad
- Keys with tactile feedback for error-free operation
- Repeatable measuring results provided by the active, automatic AutoRead function with recognition of stable end values
- Safe operation: Automized functions reduce the number of keys (6)
- Waterproof DIN-socket enables measurements in humid environments
- Repeatable measuring results provided by the active, automatic AutoRead function

ProfiLine Cond 3110

- Repeatable measuring results provided by the active, automatic AutoRead function with recognition of stable end values
- Safe operation: Automized functions reduce the number of keys (6)
- Water-resistant 8-pin socket enables reliable measurements also in humid environments.
- High-visibility display for measuring value and temperature
- Silicone keypad with tangible key click, can also be operated with gloves
- For field operation in a case set with the proven electrodes

ProfiLine Oxi 3205

- Repeatable measuring results provided by the active, automatic AutoRead function with recognition of stable end values
- Safe operation: Automatic functions reduce the number of keys (6).
- OxiCal® air-calibration
- Waterproof 8-pin socket for measurements in the field.
- Transfer of all data in .csv format via USB interface to PC, on demand formatted transfer into Excel (MultiLab® Importer, included in the delivery scope or as download).
- Silicone keypad can be operated with gloves

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

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Water Quality Meters



WTW ProfiLine 3110 Series and 3205 Single Parameter Handheld Meters

SPECIFICATIONS

General	3110	3205
Calibration Memory	Current calibration	Current calibration
Celsius/Fahrenheit	Yes	Yes
AutoRead	Automatic	Automatic
Display	Customized LCD	LCD graphic display, backlit
Power Supply	4 x 1.5V AA or 4 x 1.2V NiMH rechargeable battery	4 x 1.5V AA or 4 x 1.2V NiMH rechargeable battery
Continuous Operation Time	pH 3110: Up to 3000 hours Cond 3110: Up to 1000 hours/800 hours w/o backlit	Up to 100 hours/800 hours w/o backlit
Protection Class	IP-67	IP-67
pH 3110		
pH	-2.0 – 20.0 ±0.1 pH -2.00 – 20.00 ±0.01 pH -2.000 – 19.999 ±0.005 pH	
mV	±1200.0 ±0.3 mV ±(2500 ±1) mV	
Temperature	-5.0 – 105.0°C ±0.1°C	
Calibration	1-, 2-, 3-point WTW Technical and NIST Buffer	
Cond 3110		
Conductivity	0.0 – 1000 mS/cm ±0.5% of value	
Cell Constants	Fixed: 0.475 cm ⁻¹ , 0.880 cm ⁻¹ Calibratable: 0.450 – 0.500 cm ⁻¹ 0.800 – 0.880 cm ⁻¹	
Salinity	0.0 – 70.0 (acc. IOT)	
Temperature	-5.0° – 105.0°C ±0.1°C	
T_{ref}	20°C/25°C	
Temperature Compensation	nIF	
Oxi 3205		
Dissolved Oxygen Concentration*	0.00 – 20.00 mg/l ±0.5% of value 0 – 90 mg/L ±0.5 % of value	
Saturation*	0.0 – 200.0% ±0.5% of value 0 – 600% ±0.5 of value	
Partial Pressure*	0 – 200.0 hPa, 0 – 1250 hPa. ±0.5% of value	
Temperature	-5.0 – 50.0°C ±0.1°C	
Calibration	Cellox®/DurOx® with calibration vessels	
Built-in Barometric Sensor	Yes	

* Depending

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ORDERING INFORMATION

Model	Description
pH 3110 Set 2	Easy-to-operate, robust pH/mV-meter with large LCD-display, for mobile routine measurement. Meter in carry case with pH-sensor SenTix® 41, buffer solution STP 4 and STP 7, stand, beaker, short instruction manual, CD-ROM and batteries.
Cond 3110 Set 3	Easy-to-operate, robust conductivity meter with large LCD-display, for mobile routine application for 2- and 4-electrode cells. Meter with carry case including 2-electrode conductivity cell KLE 325, standard solution 1413 $\mu\text{S}/\text{cm}$ at 25°C, stand, beaker, short instruction manual, CD-ROM and batteries.
Oxi 3205 Set 3	Easy-to-use, robust D.O. meter with backlit LCD graphic display, for routine measurement. Meter with carry case including galvanic D.O. probe DurOx® 325-3, cleaning solution, electrolyte, exchange membrane head, stand, beaker. Including short instruction manual, CD-ROM and batteries.
SM Pro	SM Pro rubber elastic armor for WTW handhelds.



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.

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