Parameter

Multi-parameter

pH

ORP

ISE

Dissolved Oxygen (D.O.)

Conductivity

Data logger/ flow + level

BOD/ Respiration

Photometers

Turbidity

Colony Counter

Software/ Printers

ProfiLine pH portable meters

Reliable pH documentation...

... with the ProfiLine pH 3310

The pH 3310 is an elegant combination of a robust portable meter and a data logger for storing measuring batches and processing those in the following via PC.

ProfiLine pH 3310

- Waterproof USB interface for fast data transfer

- Data output in .csv format

- Data logger for up to 5000 recordings

Measuring safety

- Repeatable measuring results provided by the active, automatic AutoRead function with recognition of stable end values
- The CMC function visualizes the optimal measuring range and supports correct measuring.
- Graphic display with plain text menu for convenient and secure operation

GLP/AQA documentation

- 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).

Flexible and powerful

- 1- to 5-point calibration with calibration timer for all measuring duties
- 22 stored buffer sets for easy calibration
- Backlit graphic display with CMC

For information visit **www.WTW.com** for a customer care center near you or inside US: call **WTW 800 645 5999**.

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Measuring pH precisely...

... with the ProfiLine pH 3210

The ProfiLine pH 3210 is a convenient pH/mV all-rounder for many applications.

ProfiLine pH 3210

- Graphic display with plain text menu

- 1- to 5-point calibration

- CMC function for monitoring the measuring range

Measuring reliability

- Repeatable measuring results provided by the active, automatic AutoRead function with recognition of stable end values

Measuring values

- The CMC function visualizes the optimal measuring range and supports correct measuring.
- Silicone keypad with tangible key click, optional casing for field operation

Documentation

- Data output via display for occasional documentation

Flexible and powerful

- 1- to 5-point calibration with calibration timer for all measuring duties
- 22 stored buffer sets for easy calibration
- Backlit graphic display with CMC

pH measuring made easy...

... with the ProfiLine pH 3110

The pH 3110 is ideal for all seeking an easy, robust and waterproof instrument for portable pH measuring.

ProfiLine pH 3110

- pH or ORP measurements

- Easy 1- to 3-point calibration with adjustable calibration timer

- Robust and waterproof (IP 67)

Measuring safety

- 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

Easy and reliable:

- High-visibility display for measuring value and temperature
- Silicone key pad with tangible key click, can also be operated with gloves
- For field operation in a case set with proven electrodes

Technical Data

Model		ProfiLine pH 3110	ProfiLine pH 3210	ProfiLine pH 3310
Range/	**pH**	-2.000 … +19.999 ±0.005 pH	-2.000 ... +19.999 ±0.005 pH	
Resolution	**mV**	-1200.0 … +1200.0 ±0.3 mV	-1200.0 … +1200.0 ±0.3 mV	
Accuracy		-2000 … +2000 ±1 mV	-2500 … +2500 ±1 mV	
	Temperature	-5.0 … +105.0 ±0.1 °C (23 … 221 °F)	-5.0 ... +105.0 ±0.1 °C (23 … 221 °F)	
Calibration		1, 2 or 3-point calibration WTW technical buffers, DIN/NIST buffers	1, 2, 3, 4, 5-point calibration WTW technical buffers, DIN/NIST buffers plus 20 additional buffer sets	
Memory/Logger		–	Manual 200	Manual 500/5000 automatic
Display		7-Segment LCD, customized	LCD Graphic, backlit	
Continuous operation		Up to 2500 hrs.	Up to 1000 hrs. without/150 hrs. with backlight	

Ordering Information

ProfiLine Portable pH Meter SETs		Order No.
pH 3110 SET 2	Robust and waterproof portable pH meter, for battery operation, in portable case set with SenTix® 41	2AA112
pH 3210 SET 2	Robust and waterproof portable pH meter with data logger, for battery operation, in portable case set with SenTix® 41	2AA212
pH 3310 SET 2	Robust and waterproof portable pH meter with data logger and USB Mini-B interface, for battery operation, in portable case set with SenTix® 41	2AA312

IP 66 IP 67   CE   cETLus   **3** Year Warranty

For other electrodes in Sets see WTW Product Details