

## pH 7110 Wastewater pH Meter

Laboratory pH meters for wastewater analysis.



- Clearly and logically designed keypads for easiest operation
- Smooth surfaces for easy cleaning
- 1 to 5 point pH calibration and a selection of 22 different buffer sets, pH 7310 Only
- Large, clearly arranged displays for best information

### Description

The new inoLab® 7110 and 7310 wastewater pH meters represent the state-of-the-art when measuring pH. For WTW it always was important not only to present new measuring techniques but also to maintain the ease of use and perfect handling. So they created a symbiosis between design and functionality with the new inoLab® pH meter. The meter's newly designed and optimized keypads with tactile feedback as well as large clearly arranged displays support a fantastic easy to use user interface. But the best is yet to come; the meters feature a plug-and-measure ability with its intelligent digital sensors (IDS). Finally, for validation purposes IQOQ documents are available for all new meters.

The inoLab® 7110 series meters are perfectly suited for routine measurements in general laboratory applications. While focused on the wastewater market these pH meters offer advanced features in a simple to use package for environmental, medical, chemical, pharmaceutical or food & beverage industries. The intuitive use interface and easy to clean housing and keypad make these meters ideal for all environments. The AutoRead function means the meters will provide repeatable results. The meter recognizes when a stable pH measurement value has been reached. Increased accuracy is ensured with the adjustable calibration timer reminding the customer to calibrate periodically. The keypad design offers intuitive operation and the large clearly arranged display provides all necessary information at a glance. All meters are available in application sets including sensors electrode stand and AC supply.

For information on the inoLab® 7310 pH meters please see our website [www.globalw.com](http://www.globalw.com).

### Specifications

**pH:**  
 Range: -2.0 to 20.0, -2.00 to 20.00, -2.000 to 20.000  
 Accuracy ( $\pm 1$  digit):  $\pm 0.1$ ,  $\pm 0.01$ ,  $\pm 0.005$  (test sample temp 59 to 95 °F (15 to 35 °C))  
 Calibration: 1, 2, 3 point

**mV:**  
 Range:  $\pm 1200.0$  mV,  $\pm 2000$  mV  
 Accuracy ( $\pm 1$  digit):  $\pm 0.3$ ,  $\pm 1$  (test sample temp 59 to 95 °F (15 to 35 °C))

**Temperature:**  
 Range: 23 to 221 °F (-5.0 to 105.0 °C)  
 Accuracy ( $\pm 1$  digit):  $\pm 0.2$  °F ( $\pm 0.1$  °C)

**Mechanical and electrical**  
 Display: 7-Segment LCD  
 Power Supply: Four 1.5V AA batteries or four 1.2 V NiMH  
 Battery Life: Up to 2500 hours  
 Dimensions (WxHxD): 9.45x7.48x3.15 inch (240x190x80 mm)  
 Weight: 2.2 lb (1 kgs)  
 Compliance: CE, cETLus

See [www.globalw.com](http://www.globalw.com) for pH 7310 specifications.

### Options and Accessories

**pH 7110 Wastewater pH Meter Set 2 (PN# 1AA112)**  
 Meter (DIN) and SenTix 41 pH electrode with DIN plug and accessories.

**pH 7110 Wastewater pH Meter Set 7 (PN# 1AA127)**  
 Meter (BNC) and SenTix 42 pH electrode with BNC plug and accessories.

**pH 7310 Wastewater pH Meter Set 2 (PN# 1AA312)**  
 Meter (DIN) and SenTix 41 pH electrode with DIN plug and accessories.

**pH 7310P Wastewater pH Meter Set 2 (PN# 1AA312P)**  
 Meter (DIN) with built in printer and SenTix 41 pH electrode with DIN plug and accessories.

See [www.globalw.com](http://www.globalw.com) for more options.

Contact  
 Global Water  
 for all your  
 instrumentation  
 needs:

- Water Level
- Water Flow
- Water Samplers
- Water Quality
- Weather
- Remote Monitoring
- Control