

# pH meters

## Bench pH Meters inoLab® pH Series



a xylem brand

High specification bench meters for routine and advanced research applications in education and industry.

- ◆ AutoRead function provides repeatable measuring results by recognising when a stable reading has been achieved
- ◆ Intuitive user interface and clear controls
- ◆ Easy calibration function with timer
- ◆ Automatic or manual temperature compensation
- ◆ Flexible operation either by batteries or mains supply using universal voltage adapter
- ◆ Model pH 7310 additionally includes a graphics display, GLP/AQA documentation function, USB output of results in .csv format, CMC function that monitors the calibration range and indicates if the measurement is between calibration points, and is available with an internal printer

Model, inoLab® pH	7110	7310
Range x resolution, accuracy	<p>pH -2.0 to 20.0 x 0.1, ±0.1pH ±1 digit -2.00 to 20.00 x 0.01, ±0.01pH ±1 digit -2.000 to 20.000 x 0.001, ±0.005pH ±1 digit – both models</p> <p>mV ±1200.0 x 0.1, ±0.3 ±1 digit – both models ±2000 x 1, ±1 ±1 digit</p> <p>°C -5.0 to 105.0 x 0.1°C ±0.1 ±1 digit – both models</p>	±2500 x 1, ±1 ±1 digit
Calibration	<p>points up to 3</p> <p>records 1</p>	<p>up to 5</p> <p>10</p>
Temperature compensation	Automatic and manual – both models	
Input	BNC	BNC
Output	—	Mini USB-B
Memories	—	500 – manual records 5000 – automatic records
Display	LCD	Backlit graphics LCD
Power	4 x 1.5V AA batteries or universal voltage a.c. adapter for 100-240V 50/60Hz single phase supplies	4 x 1.5V AA batteries, 5V USB charge point or universal voltage a.c. adapter for 100-240V 50/60Hz single phase supplies
Overall W x D x H	mm 240 x 190 x 80	240 (290 - printer model) x 190 x 80
Weight	kg 3.5 – both models	

### Bench pH Meters, inoLab® pH series

As described. Supplied as a meter only with electrode stand, instructions and a.c. adapter requiring a 100-230V 50/60Hz single phase supply. Models 7310 are additionally supplied with a USB cable and software for use on Windows™ computers.

**PH480-40** inoLab® pH 7110 meter only, BNC input

**PH480-50** inoLab® pH 7310 meter only, BNC input

**PH480-60** inoLab® pH 7310 meter only with built-in printer, BNC input

### Spares and Accessories

**PH486-09** Accessory Sentix 42 gel pH/°C electrode, 1.5 metre cable and BNC connector

**PH486-12** Accessory Sentix 82 precision pH/°C electrode, 1.5 metre cable and BNC connector

**CU683-10** Spare paper roll for PH480-60

**BL610-15** Battery, 1.5V (4 required)



PH480-40



PH480-60, PH480-50 is similar