

Reliable pH documentation...

... with the inoLab® pH 7310

The new inoLab® pH 7310 is the ideal instrument for precision measurements and automatic documentation complying with GLP/AQS in quality laboratories throughout all industries. Optional built-in printer available on demand.

inoLab® pH 7310

- USB interface for fast data transfer
- Data output in .csv format or via optional built-in printer
- 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
- 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

- Alphanumeric entry of electrode serial number
- 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).
- Data output via optional built-in printer possible



Flexible and powerful:

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

Measuring pH precisely...

... with the inoLab® pH 7110

The new inoLab® pH 7110 is ideal for routine measurements in the laboratory where automatic documentation is not the priority.

With a smooth and easily cleaned surface.

inoLab® pH 7110

- Active AutoRead function
- Easy calibration with adjustable calibration timer
- Intuitive operation with clearly arranged keypad

Measuring reliability

- Repeatable measuring results provided by the active, automatic AutoRead function with recognition of stable end values
- Safe operation: Automated functions reduce the number of keys
- An adjustable timer recalls the next calibration and so with improves the measuring accuracy

Easy and reliable:

- 1- to 3-point calibration with calibration timer
- MultiCal® calibration system
- Automatic temperature compensation
- Large multi-functional display for pH value and temperature



Technical Data

Model	inoLab® pH 7110	inoLab® pH 7310
Range/ Resolution	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 Temperature ±(2000 ±1) mV	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 Temperature ±(2500 ±1) mV
Accuracy (±1 digit)	pH ±0.005 pH ±0.01 pH mV ±0.3 mV, ±1 mV Temperature ±0.1 K	pH ±0.005 pH ±0.01 pH mV ±0.3 mV, ±1 mV Temperature ±0.1 K
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

Ordering Information

inoLab® Labor-pH-Meter SETs		□ Order No.	▲ Order No.
inoLab® pH 7110 SET 7/SET 2	Easy-to-operate basic pH/mV benchtop meter for routine measurement. Meter with universal power supply, stand and operation manual. Combined pH electrode SenTix® 42/41, buffer 4, 7 and 10.01, 3 mol/l KCl	1AA127	1AA112
inoLab® pH 7310 SET 4	Convenient, menu controlled pH/mV benchtop meter for measurements/documentation according GLP/AQA. Set including combined pH electrode. Meter with universal power supply, stand and operation manual. Combined pH electrode SenTix® 81, buffer 4, 7 and 10.01, 3 mol/l KCl, software and USB cable.	na	1AA314
inoLab® pH 7310P	Convenient, menu controlled pH/mV benchtop meter for measurements/documentation according GLP/AQA, with integrated thermal printer. Single meter with universal power supply, stand and operation manual. CD-ROM including software and USB cable.	1AA320P	1AA310P



□ with BNC plug ▲ with DIN plug

For other SETs or electrodes in SET, see WTW Product Details