

pH Meters

Bench pH/ion Meter inoLab® pH/ION 7320



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
- ◆ Choice of ion measurement functions including 2 to 7 point direct potentiometry and incremental methods; operates with combination or half-cell and reference electrode systems
- ◆ Intuitive user interface and clear controls
- ◆ Flexible operation either by batteries or mains supply using a universal voltage adapter
- ◆ Easy calibration function with timer
- ◆ Automatic or manual temperature compensation
- ◆ 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/ION	7320
Range x resolution, accuracy	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 mV ±1200.0 x 0.1, ±0.3 ±1 digit, ±2000 x 1, ±1 ±1 digit °C -5.0 to 105.0 x 0.1°C ±0.1 ±1 digit ISE ranges: mg/l, µmol/l, mg/kg, ppm, % 0.000 to 9.999 x 0.001, 10.00 to 99.99 x 0.01, 100.0 to 999.9 x 0.1, 1000 to 999999 x 1
Calibration	points pH: up to 5, ISE up to 7 records 10
Temperature compensation	Automatic and manual – both models
Inputs	2 x BNC
Output	Mini USB-B
Memories	500 – manual records, 5000 – automatic records
Display	Backlit graphics LCD
Power	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 (290 - printer model) x 190 x 80
Weight	kg 3.5 – both models

Bench pH/ion Meter, inoLab® pH/ION 7320

As described. Meter only with 2 x BNC inputs, USB cable and software for use on Windows™ computers, batteries and a.c. adapter requiring a 100-230V 50/60Hz single phase supply. Without electrodes.

PH480-90 inoLab® pH/ION 7320 BNC

PH480-95 inoLab® pH/ION 7320 BNC with built-in printer

Spares and Accessories

PH486-12 Accessory Sentix 82 precision pH/°C electrode, 1.5 m cable and BNC connection

CU683-10 Spare paper roll for PH480-60

BL610-15 Battery, 1.5V (4 required)

Ion Selective Electrode Kits

Comprise maintenance free ISE electrode, one 500ml bottle of 1000ppm calibration standard, one 500ml bottle of ionic strength adjustment buffer and S7 screw fitting to BNC terminated lead. For ion determination as indicated.

PJ379-05 Ammonium

PJ379-09 Calcium

PJ379-13 Chloride

PJ379-17 Fluoride

PJ379-21 Nitrate



PH480-90



PH480-95