

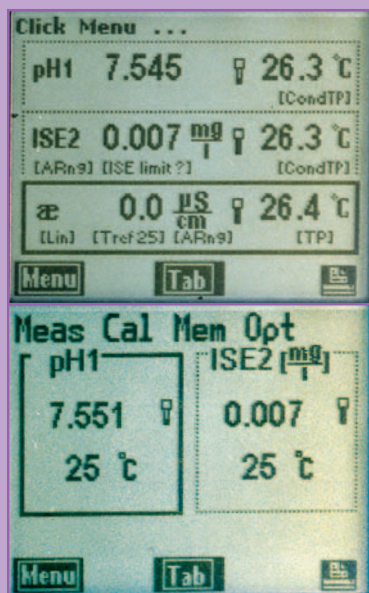
Multi-Meters

Laboratory Multi-Parameter Instruments

NEW

inoLab® pH/ION/Cond 750

- 2 galvanically separated pH inputs
- Multiple conductivity functions
- Menu-driven with backlit graphics display



Display with menus

The Ultimate Measurement Technology by WTW:

This ultimate multiparameter meter with its two galvanically separated pH inputs allows independent and simultaneous measurements of pH, ORP or ion concentrations. Calibrations with up to 7 standard solutions can be carried out to achieve precise measurements across the entire characteristic curve of an ISE electrode. The wide range of calibration procedures allows for even the non-linear portion of the calibration curve to be accurately defined. In addition to direct potentiometric methods the following advanced methods are also included:

- Standard addition/subtraction
- Addition/subtraction of samples
- Double standard addition
- Blank correction
- Standard addition with blank correction
- Reference measurement

Laboratory Multi-Parameter Instruments

In addition to pH and Ion capability, and with features such as the ability to measure salinity, TDS, specific conductance, resistance and temperature coefficients, this versatile meter can perform all required conductivity measurements. Temperature coefficients are pre-programmed for NaOH, HCl, KCl, and NaCl. More over that individual (non-) linear coefficients can be fed into the instrument. Additional features include the measurement of sample concentrations by conductivity; two dimensional temperature concentration field to determine accurate reference conductivities. Comprehensive additional functions such as measurement data management, PC-connection via MultiLab® pilot, GLP-conform calibration and measurement data acquisition and a bidirectional RS 232 interface permit seamless integration into modern laboratory routines.



IP 43



UL CUL

3 Year Warranty

Technical Data inoLab®

	pH/ION/Cond 750	pH/ION/Cond 750
	pH/ION measurement	Conductivity measurement
Range/Resolution	pH: -2 ... 20.000 pH -2.00 ... 20.00 pH mV: -999.9 ... +999.9 mV -2000 ... +2000 mV Conc.: 0.01 mg/l ... 200 g/l Temp.: 23 ... 221 °F (-5.0 ... +105.0 °C)	0.0 µS/cm ... 2000 mS/cm in 5 ranges in AutoRange mode additional: 0.00 µS/cm ... 20.00 µS/cm (K=0.1 cm ⁻¹) 0.000 µS/cm ... 2.000 µS/cm (K=0.01 cm ⁻¹) Temp.: 23 ... 221 °F (-5.0 °C ... +105.0 °C) Salinity: 0.0 ... 70.0 TDS: 0 ... 2000 mg/l Spec. resistivity: 0.00 ... 2000 MOhm
Accuracy (±1 digit)	pH: ± 0.004 pH, ± 0.01 pH mV: ± 0.2 mV, ± 1 mV	Conductivity: ± 0.5 % of value
Temperature compensation	Automatic 23 ... 221 °F (-5 ... +105.0 °C) Manual -4 ... 266 °F (-20 ... +130 °C) NTC30 KOhm: ±0.1 K Pt 1000: ±0.1 K	23 ... 212 °F (-5.0 ... 100 °C) • Linear and non-linear functions for ultrapure water and natural waters to EN 27 888 • Lineare compensation from 0.01 % ... 3.00 %/K • Compensation can be switched off Special functions: non-linear temperature coefficients, pre-programmed coefficients, concentration determination, non-linear reference conductivity
Reference temp.	—	68 °F/77 °F (20 °C/25 °C) selectable
Cell constants	—	Fixed 0.01 cm ⁻¹ , Freely selectable 0.090 ... 0.110 cm ⁻¹ , 0.250 ... 25.000 cm ⁻¹ Calibrable 0.450 ... 0.500 cm ⁻¹

Ordering Information

□ with BNC plug ▲ with DIN plug

inoLab® Multi-Parameter SETs – with wide-range power supply 100-240 VAC (50/60 Hz) included	□ Order No.	▲ Order No.
inoLab® pH/ION/Cond 750 Flexible and powerful – the intelligent pH, ION and conductivity measuring station consisting of multifunction box, with PC software/connection cable, Sentix® 81/82, TetraCon® 325 and accessories	1K30-211901	1K30-111401
Passive multifunction box (not included in Multi 720 Set)		109 810
Other multi-parameter SETs see brochure "Product Details"		

Parameter

pH

ORP

ISE

Oxygen (D.O.)

Conductivity

Multi-parameter

BOD/Respiration

Photometers

Turbidity

Colony Counter

Software/Printers

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