

NEW



Compact

Versatile

Easy-to-use

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3 Year
Warranty



Multifunctional

Precise

Communicative

IP 43



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Multi-Meters

Laboratory Multi-Parameter Instruments

With the growing number of measurements required by today's modern laboratory, instruments need to be able to perform multiple functions. The inoLab® multi-parameter instruments provide the most necessary features and functions at an outstanding price.

inoLab® 720

inoLab® pH/Cond 720 and inoLab® Multi 720

The routine instrument **inoLab® pH/Cond 720** is a favorably-priced model for initial processing of pH / conductivity measurements. The **inoLab® Multi 720** allows the measurement of pH and ORP, oxygen, conductivity and salinity as well as the temperature. Their large multifunction display means that they are suitable for standard measurements where GLP-documentation is not required.

additional features:

- Easy-to-clean touch-sensitive keypad
- Simplified operator convenience
- Bench and wall-mounted models
- Mains-independent
- Country-specific units
- Application-oriented displays

inoLab® 740

inoLab® pH/Cond 740 and inoLab® Multi 740

As high-end instruments the **inoLab® pH/Cond 740** and the **inoLab® Multi 740** have a resolution of 0.001 pH units. They also have all the functions necessary for making ion selective measurements. With the inoLab® Multi 740 oxygen is measured as %, mg/l or mbar. The pH/Cond 740 and the inoLab® Multi 740 can be used to measure the salinity and TDS (Total Dissolved Solids) as well as conductivity and specific resistance.

The optional built-in printer as well as the graphic display with operator guidance increase the measuring comfort and allow QA-conform documentation.

additional features:

- 5-point calibration by linear regression
- Freely selectable buffer sets
- Graphic evaluation possible
- Built-in digital plotter
- Connection for bar-code reader or PC keyboard
- User Selectable Languages
- Limit input with acoustic alarm
- Multi-Level GLP Functions (password-protected operator levels)
- Free-of-charge downloads for MultiLab® pilot or terminal

Laboratory Multi-Parameter Instruments

Technical Data inoLab®

	pH/Cond 720, Multi 720	Multi 720	pH/Cond 720, Multi 720
	pH measurement	Oxygen measurement	Conductivity measurement
Range/Resolution	pH: -2.00 ... +16.00 pH mV: -199.9 ... +199.9 mV -1999 ... +1999 mV Temp.: 23 ... 221 °F (-5.0 ... +105.0 °C)	O ₂ concentration: 0.00 ... 19.99 mg/l 0.0 ... 90 mg/l* O ₂ saturation: 0.0 ... 199.9% 0 ... 600%* O ₂ partial press.: 0.0 ... 199.9 mbar 0 ... 1250 mbar Temp.: 32 ... 122 °F (0.0 ... 50.0 °C) <i>*depends on oxygen sensor and medium</i>	0.0 µS/cm ... 500 mS/cm in 5 ranges or AutoRange, in addition at: K = 0.01 cm ⁻¹ 0.000 ... 1.999 µS/cm K = 0.1 cm ⁻¹ 0.00 ... 19.99 µS/cm Temperature: 23 ... 221 °F (-5.0 ... +105.0 °C) Salinity: 0.0 ... 70.0 TDS: 0 ... 1999 mg/l Spec. resistivity: 0.000 ... 1999 MΩcm
Accuracy (±1 digit)	pH: ±0.01 pH mV: ±0.3 mV, ±1 mV	±0.5 % of value	±0.5 % of value
Temperature compensation	Automatic 23 ... 221 °F (-5 ... +105.0 °C) with TFK 325 or built-in temperature sensor manual -4 ... 266 °F (-20 °C ... +130 °C)	Automatic via IMT compensation from 32 ... 104 °F (0 ... 40 °C)	Linear and non-linear function for ultrapure water and natural water to EN 27 888, can be switched off
Calibration	MultiCal® 2-point ConCal® 1-/2-point	With OxiCal®-SL	Calibration with 0.01 mol KCl

	pH/Cond 740, Multi 740	Multi 740	pH/Cond 740, Multi 740
	pH measurement	Oxygen measurement	Conductivity measurement
Range/Resolution	pH: -2.000 ... +20.000 pH -2.00 ... +20.00 pH mV: -999.9 ... +999.9 mV -2000 ... +2000 mV ISE: Concentration: 0.01 ... 2000 mg/l Temp.: 23 ... 221 °F (-5.0 ... +105.0 °C)	O ₂ concentration: 0.00 ... 20.00 mg/l 0.0 ... 90 mg/l* O ₂ saturation: 0.0 ... 200.0% 0 ... 600%* O ₂ partial press.: 0.0 ... 200.0 mbar 0 ... 1250 mbar Temp.: 32 ... 122 °F (0.0 ... 50.0 °C) <i>*depends on oxygen sensor and medium</i>	0.0 µS/cm... 2000 mS/cm in 5 ranges or AutoRange, in addition at: K = 0.01 cm ⁻¹ 0.000 ... 2.000 µS/cm K = 0.1 cm ⁻¹ 0.00 ... 20.00 µS/cm Temperature: 23 ... 221 °F (-5.0 ... +105.0 °C) Salinity: 0.0 ... 70.0 TDS: 0 ... 2000 mg/l Spec. resistivity: 0.000 ... 2000 MΩcm
Accuracy (±1 digit)	pH: ±0.004 pH ±0.01 pH mV: ±0.2 mV, ±1 mV	±0.5 % of value	±0.5 % of value
Temperature compensation	Automatic 23 ... 221 °F (-5 ... +105.0 °C) with TFK 325 or built-in temperature sensor manual -4 ... 266 °F (-20 °C ... +130 °C)	Automatic via IMT compensation from 32 ... 104 °F (0 ... 40 °C)	Linear and non-linear functions for ultrapure water and natural waters to EN 27 888, can be switched off
Calibration	MultiCal® 2-, 3- and 5-point ISECal 2- and 3-point ConCal® 1-/2-point	With OxiCal®-SL	Calibration with 0.01 mol/l KCl

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® Multi 720	Simple and reliable multi-parameter meter for routine work, including Sentix® 41/42, CellOx® 325, TetraCon® 325 and accessories	1F10-211711	1F10-111211
inoLab® Multi 740	Flexible and powerful – the intelligent pH, oxygen and conductivity measuring station consisting of multifunction box and universal terminal, with PC software/connection cable, Sentix® 81/82, CellOx® 325, TetraCon® 325 and accessories	1F30-211911	1F30-111411
Passive multifunction box	(not included in Multi 720 Set)		109 810
Other multi-parameter SETs see brochure "Product Details"			

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