

NEW

Conductivity Laboratory Conductivity Meters

Conductivity is an important parameter that is often used for monitoring water quality. In the laboratory sector this parameter has also increased in importance since the introduction of USP 27 Guideline for pharmaceutical water. WTW inoLab® Cond laboratory instruments meet all the requirements for measurements according to this standard.

- Application specific displays
- Touch-sensitive keypad with pressure point and tactile response
- Battery or line power operation

inoLab® Cond 720

Simple and reliable

Routine laboratory conductivity meter with large multifunctional display, parallel temperature display and automatic temperature compensation. 68 °F or 77 °F (20 °C or 25 °C) can be set as reference temperature. Both TDS and salinity measurements are possible as well as conductivity and temperature. The ability to set different cell constants means that other special conductivity cells can be connected as well as the TetraCon® 325 4-electrode conductivity cell and LR 325/01 ultrapure water conductivity cell.



- Simplified operator convenience
- GLP documentation via PC or optional built-in printer
- Meets all the requirements of USP 27

inoLab® Cond 730

Compact and precise

Standard laboratory conductivity meter with large multifunctional display, parallel temperature display and automatic temperature compensation. The datalogging capability and the real-time clock allows for all GLP functions. Data output can take place via the optional built-in printer on thermal paper accepted for use for official documents or via the built-in RS 232 digital interface via a PC or external printer.

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IP 43

CE

UL
CUL

3 Year
Warranty

inoLab® Cond 740

NEW

inoLab® Cond 740 with Terminal or PC software:
flexible and powerful

High-performance laboratory conductivity meter with graphic display and digital recorder function, parallel display of temperature and automatic temperature compensation. A built-in datalogger and a real-time clock allows for all QA conforming functions. The optional built-in printer allows data printout on thermal paper accepted for use in official documents.

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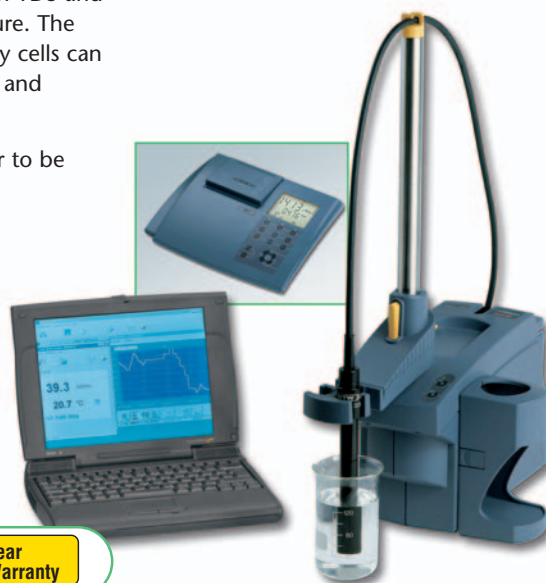
A PC keyboard interface allows an external keyboard or a barcode reader to be connected.

additional features

- Built-in digital recorder
- Real-Time Graphic Display
- User Selectable Languages
- Multi-Level GLP Functions (password-protected operator levels)
- Limit input with acoustic alarm
- Meets all the requirements of USP 27
- Free-of-charge software downloads for MultiLab® pilot or terminal

Conductivity Meters

- Meets all the requirements of USP 27
- TDS and salinity measurement
- External control with MultiLab® pilot via PC



IP 43



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Technical Data

Model	Cond 720 and Cond 730	Cond 740
Range/Resolution	Conductivity: 0.0 µS/cm ... 500 mS/cm in 5 measuring ranges or AutoRange additionally for K = 0.1 cm ⁻¹ : 0.00 µS/cm ... 19.99 µS/cm Temperature: 23 ... 211.82 °F (-5.0 ... +99.9 °C) Salinity: 0.0 ... 70.0 TDS: 0 ... 1999 mg/l Resistivity: 0.000 ... 1999 MΩcm	0.0 µS/cm ... 2000 mS/cm in 5 measuring ranges or AutoRange additionally for K = 0.1 cm ⁻¹ : 0.00 µS/cm ... 20.00 µS/cm K = 0.01 cm ⁻¹ : 0.000 µS/cm ... 2.000 µS/cm 23 ... 221 °F (-5.0 ... +105.0 °C) 0.0 ... 70.0 0 ... 2000 mg/l 0.000 ... 2000 MΩcm
Accuracy (± 1 digit)	Conductivity: ± 0.5 % of value Temperature: ± 0.1 K	
Reference temperature	68 ... 77 °F (20 °C or 25 °C) selectable	
Cell constants	0.475 cm ⁻¹ , 0.1 cm ⁻¹ and 0.01 cm ⁻¹ fixed; freely selectable 0.25 ... 2.5 cm ⁻¹ and 0.09 ... 0.11 cm ⁻¹	0.475 cm ⁻¹ , 0.1 cm ⁻¹ and 0.01 cm ⁻¹ fixed; freely selectable 0.25 ... 2.5 cm ⁻¹
Temperature compensation	Automatic or switched off	
Temperature coefficient	• Non-linear function for natural water to EN 27 888 • Linear compensation from 0.001 ... 2.999%/K • No compensation	
Calibration	With 0.01 mol KCl	

Ordering Information

inoLab® Laboratory Conductivity Meter SETs – with wide-range power supply 100-240 VAC (50/60 Hz) included	Order No.
inoLab® Cond 720 Simple and reliable conductivity meter, including TetraCon® 325 and accessories	1C10-0111
inoLab® Cond 730 Compact precision conductivity meter, including TetraCon® 325, passive multifunction box and accessories	1C20-0111
inoLab® Cond 740P The intelligent conductivity measuring station with additional built-in printer, TetraCon® 325 and accessories	1C31-0111
Passive multifunction box (not included in Cond 720 Set)	109 810

Parameter

pH

ORP

ISE

Oxygen (D.O.)

Conductivity

Multi-parameter

BOD/Respiration

Photometers

Turbidity

Colony Counter

Software/Printers

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