

Multi-Meters

Multi-Parameter Instruments

pH, Oxygen and Conductivity Measurements

Multi-parameter Instruments

With simultaneous function for pH, ORP, Dissolved Oxygen, Conductivity, Salinity and Temperature, these small and compact meters are complete laboratories themselves. WTW multiparameter instruments solve the problem of multiple electrode interference by utilizing our advanced sensor technology. It is now possible to measure oxygen, conductivity and pH simultaneously in the same sample vessel or field location.

Long battery life or optional line adaptors allows WTW's Multiparameter instruments to be used either in the laboratory or in the field. The datalogging function insures accurate reporting. Our standard automatic documentation storage, user defined calibration procedures and GLP functions provide comprehensive quality assurance.



● recommended by WTW ○ conditionally applicable – not recommended

Application Range	inoLab®				pH/ION/Cond 750	Profi-Line	Handheld Meters			
	pH/Cond 720	Multi 720	pH/Cond 740	Multi 740		Multi 197i	pH/Cond 340i	pH/Oxi 340i	Multi 340i	Multi 350i
Routine measurement	●	●	○	○	○	-	○	○	-	○
Routine measurement with documentation	-	-	●	●	●	●	●	●	●	●
AQA with documentation	-	-	●	●	●	●	●	●	●	●
R&D high precision	-	-	●	●	●	-	-	-	-	●
Control measurements	●	●	●	●	●	●	●	●	●	●
LIMS connection	-	-	●	●	●	●	○	○	○	●
Quality assurance	●	●	●	●	●	●	●	●	●	●
Training	●	●	○	○	○	○	●	●	○	○
Service	-	-	-	-	-	●	●	●	●	●
Laboratory measurements	●	●	●	●	●	●	○	○	○	●
Field measurements	-	-	-	-	-	●	●	●	●	●
Depth measurements	-	-	-	-	-	●	-	-	-	● <small>up to 330 ft (100 m)</small>
External control/PC connection/ PC control	-/-/-	-/-/-	●/●/●	●/●/●	●/●/●	●/●/-	●/●/-	●/●/-	●/●/-	-/●/-
BOD measurements with self-stirring sensor	-	-	●	●	-	●	-	-	-	-
BOD measurements with assessment program	-	-	-	-	-	-	-	-	-	-
pH/ION function	-	-	●	●	●	●	-	-	-	●
Ion-specific measurement programs	-	-	-	-	●	-	-	-	-	-
Salinity/TDS measurement	●/●	●/●	●/●	●/●	●/●	●/-	●/-	-/-	●/-	●/●
Specific resistance	●	●	●	●	●	-	-	-	-	●
Suitable for USP 27	●	●	●	●	●	-	-	-	-	●
Measurement of ultrapure water	●	●	●	●	●	-	-	-	-	●
Trace conductivity	●	●	●	●	●	-	-	-	-	●

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Application Range Sensors	TetraCon® 325	LR 325/01	LR 325/001	DurOx®	CellOx® 325	ConOx	MPP	TA 197 pH	TA 197 LF	TA 197 Oxi
USP 27	-	●	●	-	-	-	-	-	-	-
Pharmaceutical water	○	●	●	-	-	-	-	-	-	-
Chemical water	○	-	-	○	○	○	○	-	-	-
Ground water	●	●	-	○	-	○	●	-	-	-
Surface waters	●	-	-	●	-	●	●	-	-	-
Depth measurements (barrages)	up to 66 ft (20 m)	-	-	-	up to 66 ft (20 m)	up to 66 ft (20 m)	up to 330 ft (100 m)	up to 330 ft (100 m)	up to 330 ft (100 m)	up to 330 ft (100 m)
Laboratory measurements	●	●	●	○	●	●	-	-	-	-
BOD measurements	-	-	-	-	●	-	-	-	-	-
Fish farming	-	-	-	●	○	●	●	-	-	-
Swimming pools	●	-	-	●	●	●	○	-	-	-
Foods industry (juices)	●	-	-	-	○	○	-	-	-	-
Pharmaceutics	●	●	○	○	●	●	-	-	-	-
Cosmetics/Detergents	○	-	-	-	-	-	-	-	-	-
Semi-conductor industry	-	●	●	-	○	○	-	-	-	-
Prozesstechnik	○	-	-	○	○	-	-	-	-	-
Biotechnology (non-autoclavable)	-	-	-	●	●	●	-	-	-	-
Wastewater treatment plant: aeration basin	-	-	-	●	○	○	●	-	-	-
Wastewater treatment plant: inflow	●	-	-	●	○	○	●	-	-	-

applicable instruments: all with Cond Meas. 350i inoLab® pH/Cond 7xx inoLab® Multi 7xx 350i all with D.O. Meas. 350i 350i Multi 197i Multi 197i Multi 197i

Parameter
pH
ORP
ISE
Oxygen (D.O.)
Conductivity
Multi-parameter
BOD/Respiration
Photometers
Turbidity
Colony Counter
Software/Printers

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