

Application Range Multi-parameter Measurements

● Recommended by WTW ○ Conditionally applicable – Not recommended

Application range	inoLab®						ProfiLine Multi 1970i	Portable meters				
	pH/Cond 720/7200*	Multi 720/7200*	pH/Cond 740/7400*	Multi 740/7400*	pH/ION/Cond 750/7500*			pH/Cond 340i/3400i*	pH/Oxi 340i/3400i*	Multi 340i/3400i*	Multi 350i/3500i*	MultiLine® IDS
Routine measurement	●	●	○	○	○	–	○	○	–	○	○	
Routine measurement with documentation	–	–	●	●	●	●	●	●	●	●	●	
AQS with documentation	–	–	●	●	●	●	●	●	●	●	●	
R&D high resolution and precision	–	–	●	●	●	–	–	–	–	●	●	
Control measurements	●	●	●	●	●	●	●	●	●	●	●	
LIMS connection	–	–	●	●	●	●	○	○	○	●	●	
Quality assurance	●	●	●	●	●	●	●	●	●	●	●	
Training	●	●	○	○	○	○	●	●	○	○	○	
Service	–	–	–	–	–	●	●	●	●	●	●	
Laboratory measurements	●	●	●	●	●	●	○	○	○	●	●	
Field measurements	–	–	–	–	–	●	●	●	●	●	●	
Depth measurements	–	–	–	–	–	●	–	–	–	up to 100 m (330 ft)	up to 25 m (82 ft)	
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 pharmacopeia	●	●	●	●	●	–	–	–	–	●	–	
Measurement of ultrapure water	●	●	●	●	●	–	–	–	–	●	–	
Trace conductivity	●	●	●	●	●	–	–	–	–	●	–	
	<i>see page</i>	64	64	64	66	68	72	72	72	69	8	

Application Range Sensors

Application range sensors	TetraCon® 325	TetraCon® 925	LR 325/01	LR 925/01	LR 325/001	FDO® 925	DurOx®	CellOx® 325	ConOx	MPP	TA 197 pH	TA 197 LF	TA 197 Oxi
Ultrapure water (pharmacopeia)	–	–	●	–	●	–	–	–	–	–	–	–	–
Chemical water	○	○	–	–	–	○	○	○	○	○	–	–	–
Ground water	●	●	–	–	–	●	○	–	○	●	●	●	●
Surface water	●	●	–	–	–	●	●	●	●	●	●	●	●
Depth measurements (barrages)	up to 20 m (66 ft)	up to 25 m (82 ft)	–	–	–	up to 25 m (82 ft)	–	up to 20 m (66 ft)	up to 20 m (66 ft)	up to 100 m (330 ft)	up to 100 m (330 ft)		
Laboratory measurements	●	●	●	●	●	●	○	●	●	–	–	–	–
BOD measurements	–	–	–	–	–	●	–	●	–	–	–	–	–
Fish farming	–	–	–	–	–	○	●	○	●	●	–	–	–
Swimming pools	●	●	–	–	–	●	●	●	●	○	–	–	–
Food industry (juices)	●	●	–	–	–	●	–	○	○	–	–	–	–
Pharmaceuticals	●	●	●	●	○	●	○	●	●	–	–	–	–
Cosmetics/detergents	○	○	–	–	–	–	–	–	–	–	–	–	–
Semi-conductor industry	–	–	●	●	●	–	–	–	–	–	–	–	–
Process technology	○	○	–	–	–	○	○	○	–	–	–	–	–
Biotechnology (non-autoclavable)	–	–	–	–	–	●	●	●	●	–	–	–	–
Wastewater treatment plant: aeration tank	–	–	–	–	–	●	●	○	○	○	–	–	–
Wastewater treatment plant: inflow	●	●	–	–	–	●	●	○	○	●	–	–	–
<i>applicable instruments:</i>	①	⑥	②	⑥	②	⑥	④	③	④	④	⑤	⑤	⑤
<i>* North American version</i>	① all with Cond Measurement except MultiLine® IDS ② Multi 350i/3500i*, inoLab® pH/Cond 700/7000 series*, inoLab® Multi 700/7000 series* ③ all with D.O. Measurement except MultiLine® IDS									④ Multi 350i/3500i* ⑤ Multi 1970i / 197i ⑥ only MultiLine® IDS			

Parameter

pH

ORP

ISE

Dissolved Oxygen (D.O.)

Conductivity

Multi-parameter

Data logger/flow + level

BOD/Respiration

Photometers

Turbidity

Colony Counter

Software/Printers