

Profile Measurement with IDS Multi-parameter Sondes

DEPTH SONDES WITH BUILT-IN PRESSURE SENSOR

COMMUNIQUE DE PRESSE S4S

WTW
a xylem brand

IDS Multi-Parameter Dep

- Simultaneous measurement of dissolved oxygen, pH or
- Built in barometric pressure compensated depth sensor
- Profiling without cable spaghetti – Special cable reel ava

IDS Depth Profile Measurement

Up-to-date digital depth measurement with the WTW IDS system: A built-in barometric pressure and temperature compensated depth sensor combines dissolved oxygen, pH or ORP and conductivity measurements with accurate depth readings.



New Plug Head System

No twisting, no screwing: Only a click – and a pressure, tension resistant, data proof connection to the MPP IDS is made. With thin and tear resistant cables in different lengths.



Special Cable Reel with Sliding Contacts

Simultaneously winding the cable and taking readings: This is supported by the optional available cable reel with sliding contacts and space for cables up to 100 m length.



High Performance Meter

The Multi 3430 is uniquely designed for measurements with the MPP IDS. It is waterproof, robust and uses rechargeable batteries. The brilliant color LCD visualizes data and information. The memory can store up to 10,000 measurements; data can be transferred via two USB interfaces. Additionally all IDS sensors can be connected (for more information please see also our catalog “Lab and Field Instrumentation”).



DOMINIQUE DUTSCHER SAS

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ORP, and conductivity

ailable





MPP 930 IDS

Three channel multi-parameter sonde for simultaneous profile measurements of up to three parameters including depth.

Typical applications are limnological profile measurements but also other studies of water bodies down to 100 m.

- Length 500 mm
- Diameter 70 mm
- Weight 3.0 kg
- 3 sensor inputs



MPP 910 IDS

Slender single parameter sonde for measurement with different sensors, also in 2 inch boreholes.

Designed for single parameter applications.

- Length 503 mm
- Diameter 40 mm
- Weight 0.9 kg
- 1 Sensor input

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Excerpt specifications

MPP 910 IDS / MPP 930 IDS					
		SensoLyt® 900-P	**SensoLyt® ORP 900-P**	**FDO® 925-P**	**TetraCon® 925-P**
Parameter	**Depth (pressure)**	**pH**	**ORP**	**Dissolved Oxygen**	**Conductivity**
Measuring range	Depth 0.5 m to 100 m, Resolution 0.05 m	2 to 12 pH	± 1200 mV	Partial pressure 0 to 400 hPa, air saturation 0 to 200%, Concentration 0 to 20 mg/l	1 µS/cm to 2000 m/S, SAL 0 to 70.0
Accuracy	± 0.25 m	± 0.004 pH	± 0.2 mV	± 0.5% of value for all parameters	± 0.5% of value for all parameters
Temperature range	-5 to 50 °C	0 to 60 °C		0 to 50 °C	-5 to 70 °C
Protection class/Pressure resistance	IP 68 / 10 bar				
Connection	Plug head				

Ordering Information

Order number	Model	Description
401200	MPP 910 IDS	Digital single channel multi parameter sonde for IDS sensors. Designed for depth measurements to 100 m, including built-in pressure sensor. Sonde with guard, weight, protection caps for sensor inputs and sonde output. Including instruction manual, CD-ROM with software, 1.5 m connection cable AS IDS/1.5. Requires Multi 3430.
401204	MPP 910-FDO® Kit	As above, set in a carry case including FDO® 925 -P, and accessories. For Multi 3430
401205	MPP 930 IDS	Digital triple channel multi parameter sonde for IDS sensors. Designed for depth measurements to 100 m, including built-in pressure sensor. Sonde with guard, weight, protection caps for sensor inputs and sonde output. Including instruction manual, CD-ROM with software, 1.5 m connection cable AS IDS/1.5. Requires Multi 3430.
401206	MPP 930-pH/FDO®/ Cond Kit	As above, set in a carry case, SensoLyt® 900 -P, TetraCon® 925 -P, FDO® 925 -P, accessories.
2FD470	Multi 3430	Professional digital multi-parameter instrument with three universal IDS inputs, color graphic display, USB, rechargeable batteries. For use with a MPP IDS, including armoring SM Pro.
903860	KT MPP/SK	Cable reel with sliding contacts for connecting an AS/IDS-x cable.
903850	AS/IDS-1.5	Connection cable for MPP IDS respectively IDS sensors with waterproof plug head. Length 1.5 m. *Also available with 3, 6, 10, 15, 20, 25, 40 60 and 100 m. (See price list)*
103748	SensoLyt® 900-P	Combined IDS pH electrode with polymer electrolyte and glass shaft, built-in temperature sensor, pressure resistant up to 10 bars. Electrode with waterproof plug head for connection to a MPP IDS or AS/IDS-x
103749	SensoLyt® ORP 900-P	Combined IDS ORP electrode with polymer electrolyte and glass shaft, built-in temperature sensor, pressure resistant up to 10 bars. Electrode with waterproof plug head for connection to a MPP IDS or AS/IDS-x
201306	FDO® 925-P	Optical IDS dissolved oxygen sensor for field and lab applications with fast responding beveled membrane, pressure resistant up to 10 bars. Electrode with waterproof plug head for connection to a MPP IDS or AS/IDS-x
301716	TetraCon® 925-P	4-electrodes conductivity with graphite electrodes, epoxy shaft, cell constant 0,475 cm^{-1}. Electrode with waterproof plug head for connection to a MPP IDS or AS/IDS-x

See price list for more information.

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