Profile Measurement with IDS Multi-parameter Sondes

DEPTH SONDE WITH BUILT-IN PRESSURE SENSOR

IDS Multi-parameter Dep

- Simultaneous measurement of dissolved oxygen, pH or

- Built in barometric pressure compensated depth senso

- 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.
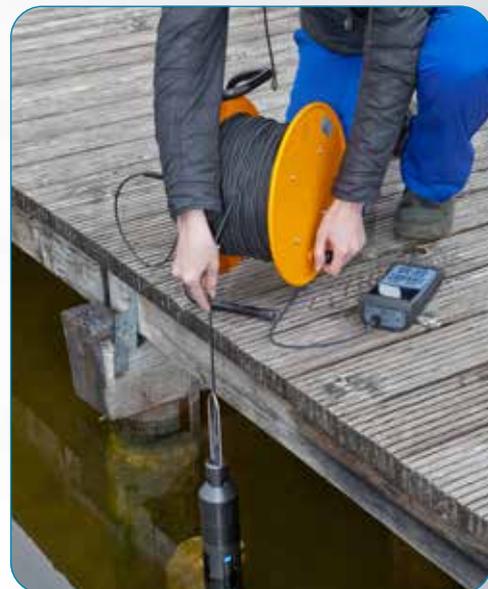
High Performance Meter

The Multi 3630 IDS is uniquely designed for measure-ments 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 website www.wtw.com).

ORP, and conductivity

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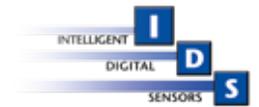
MPP 930 IDS

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

INTELLIGENT
DIGITAL
SENSORS

IDS

Excerpt Specifications

MPP 930 IDS						
		SensoLyt® 900-P	SensoLyt® ORP 900-P	FDO 925-P	TetraCon® 925-P	VisoTurb® 900-P
Parameter	**Depth (pressure**	**pH**	**ORP**	**Dissolved Oxygen**	**Conductivity**	**Turbidity**
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 mS/cm, SAL 0 – 70.0	0 to 4000 FNU
Accuracy	± 0.25 m	± 0.004 pH	± 0.2 mV	± 0.5% of value for all parameters	± 0.5% of value for all parameters	0 to 999 FNU: ± 0.3 % or ± 2% (whatever is higher) 1000 to 4000 FNU: ± 5% of value
Temperature range	-5 to 50 °C	0 to 60 °C		0 to 50 °C	-5 to 70 °C	-5 to 50 °C
Protection class/Pressure resistance	IP 68 / 10 bar					
Connection	Plug head					

Ordering Information

Model	Description	Order No.
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.	401205
MPP 930-pH/FDO/Cond Kit	As above, set in a carry case, SensoLyt® 900 -P, TetraCon® 925 -P, FDO 925 -P, accessories.	401206
Multi 3630 IDS	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.	2FD570
KT MPP/SK	Cable reel with sliding contacts for connecting an AS/IDS-x cable.	903860
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)*	903850
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.	103748
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.	103749
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.	201306
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.	301716
VisoTurb® 900-P	IDS IR turbidity sensor wavelength 860 nm, titanium shaft.	600700

See price list for more information.