



# Profile Measurement with IDS Multi-parameter Sondes

DEPTH SONDE WITH BUILT-IN PRESSURE SENSOR

# IDS Multi-parameter Depth

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

## 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.



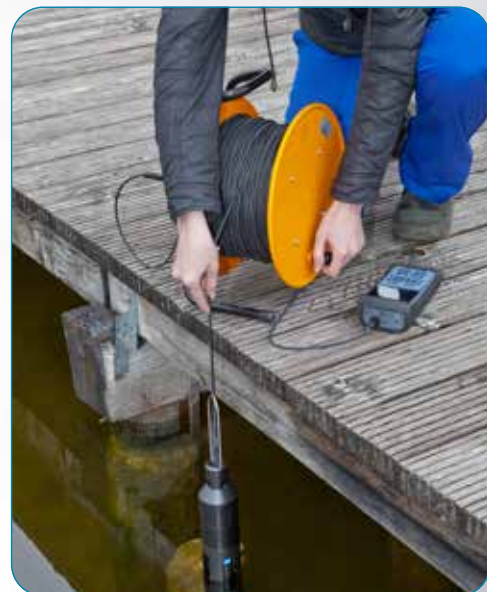
## New Plug Head System

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 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 website [www.wtw.com](http://www.wtw.com)).

# both Sondes

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

## 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<br>Resolution 0.05 m | 2 to 12 pH      | ± 1200 mV           | Partial pressure 0 to 400 hPa,<br>Air saturation 0 to 200%,<br>Concentration 0 to 20 mg/l | 1 µS/cm to 2000 mS/cm,<br>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:<br>± 0.3 % or ± 2%<br>(whatever is higher)<br>1000 to 4000 FNU:<br>± 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.<br><i>Also available with 3, 6, 10, 15, 20, 25, 40 60 and 100 m. (See price list)</i>                                                                                                                             | 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 <sup>-1</sup> . 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.