

# New Instruments

Total Capability

Portable and Versatile

## pHotoFlex and pHotoFlex Turb

With pHotoFlex and pHotoFlex Turb you are prepared for environmental analysis applications whenever multiple measurements at differing locations are necessary. A wide range of measurements including pH and turbidity are possible in one convenient instrument.

### Photometry – robust and precise:

With six wavelengths and a smartly designed built-in adapter for 0.63 in and 1.1 in (16 mm and 28 mm) round cuvettes, a variety of reagent types can be employed. pHotoFlex can measure nearly all relevant parameters in environmental monitoring, beverage industry or drinking water applications.

### pH measuring – fast and accurate:

pHotoFlex features an integrated pH meter. (See pages 19 - 21 for a complete listing of our pH electrodes.)

### Turbidity according to DIN EN 27027:

The pHotoFlex Turb additionally offers the possibility of turbidity measurements within a range of 0-1100 NTU/FNU. All measurements can be accomplished with one instrument without adapter parts that might get lost.

### Total documentation capable:

Large data volumes, PC supported documentation or input of user-defined routines are no problem with the optional LabStation for pHotoFlex/Turb or Turb 430 IR. Data transfer, data analysis or barcode reader support become even more comfortable by using the LabStation.



# NEW

- Unique adapter
- Universal application
- Large selection of tests



# NEW

## Turbidity measurement – portable and accurate

### Turb 430 IR

Accurate measurements, whether in the wine cellar or in process control: the Turb 430 IR measures with a range of 0-1100 NTU and meets the DIN EN 27072 requirements. The measured value is displayed in FNU as well. The newly developed optics allow a measurement in all types of water, including drinking water.

- High accuracy
- Suitable for drinking water
- GLP function



## News from pH Sensor Technology: **NEW** SenTix® 51, SenTix® 91, SenTix® FET

### More application compatible solutions in pH measuring technology with new electrodes:

**SenTix® 51** is a combination electrode with liquid electrolyte, a plastic body and an integrated temperature sensor, thereby combining the advantages of liquid electrolyte with mechanical ruggedness. The exchangeable ceramic diaphragm for an extended service life is a new feature of the sensor.

**SenTix® 91** is an electrode for demanding laboratory precision measurements. A large electrolyte reservoir, a platinum diaphragm and a spheric membrane enable accurate measuring in a variety of applications. The built-in NTC assures correct temperature measurements.

Glassfree pH measuring with **SenTix® FET**:

Glass breakage, once a nightmare in food industry, is a thing of the past now. Why? A tiny semiconductor chip has replaced the glass membrane. It is located on an exchangeable sensor module which allows even penetration measurements in sausage, meat and fruits. Thanks to a built-in active converter, **SenTix® FET** will work with all conventional pH instruments. No special device is required.

### SenTix® 51



- Liquid electrolyte
- Plastic body
- Exchangeable junction

### SenTix® 91



- Precision electrode
- Large electrolyte reservoir
- Spheric membrane

### SenTix® FET



- Glassfree pH sensor
- Suited for all pH meters
- Exchangeable sensor tip

# New Instruments

## inoLab® 735 pH/ION

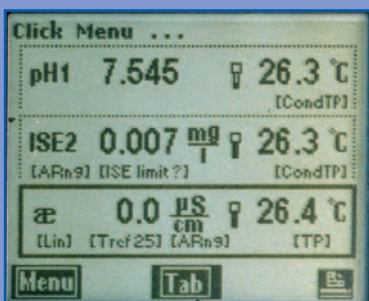
Simple pH/ion measurement –  
Direct and incremental methods



- Menu-driven
- Large backlit graphics display
- Suited for measurements in the linear and in the non-linear range

# NEW

Easy ISE measurement for research and routine work. 6-point calibration, also for non-linear measuring ranges. Contains all important increment methods such as standard addition, standard subtraction, sample addition and sample subtraction. Menu-driven operation via backlit graphics display. Safe operation – precise results.



Display with menus

## inoLab® 750 pH/ION/Cond

Top class measurement technology by WTW:

- 2 galvanically separated pH inputs
- Multiple conductivity functions
- Menu-driven with backlit graphics display

# NEW



**For analytical, research/development and quality assurance laboratories**

This instrument is made for everyone who wants more than just measurements. Parallel pH/ORP, pH/ION or ion measurements are just as possible as precise and exact conductivity measurement, on request even with determination of individual temperature coefficients. High resolution and broad measurement ranges provide all options for precise data acquisition. Comprehensive additional functions such as measurement data management, user management, GLP-conform calibration and measurement data acquisition and a bidirectional RS 232 interface allow seamless integration into modern laboratory procedures.

# NEW

## MPP 350

### ... the easy solution for multiparameter measurings

Simultaneous measurements of pH, oxygen, conductivity, and temperature are time-saving and efficient. Especially with field measurements it is desirable to obtain all readings at the lowest possible effort. Together with the Multi 350i, the MPP 350 provides a complete and flexible system for field measurements. All measured data are displayed simultaneously. A computer interface for data transmitting; sensor protection; a built-in calibration sleeve and more provide all the field or lab technician needs. A battery stirrer for the DO sensor that is provided with cable lengths as of 10.94 yds (10 m) allows correct readings even in stagnant waters.

# VARIO

**You need a meter for quick and precise measurement without a great deal of laboratory work? Or an easy-to-use handheld instrument for complex tasks? The new VARIO is able to perform both!**

New from WTW: measuring technique turned on its head. The new VARIO Sets for pH/mV or conductivity measurement from WTW. Ergonomy and versatility with the well-known WTW quality.

The new VARIO has a lot to offer – and at an unbeatable price. The **design** has been developed from an ergonomic point of view: VARIO is small, lightweight, handy and the non-slip rubber housing makes it robust!

Simple measurement. Instead of keys, VARIO has an innovative touch screen: all functions can be easily accessed and set – using one hand.

Keyword: **power**. VARIO offers up to 1,500 hours continuous use – with a single normal 1.5 V battery (AA). In standby the low-power technology switches it off after ten minutes. Changing the battery is easier than with a flashlight.

And the **reliability**? The electrode glass is protected by an unbreakable plastic cover. The conical protective cap prevents electrode drips and drying-out.

### VARIO C<sub>ond</sub> – small but powerful:

Precision measurement technology with cable-free plug head measurement cells. For natural waters and ultrapure water, especially suited for service and maintenance of ultrapure water treatment systems.

### VARIO pH – robust and handy:

Proven pH measuring technology for manual metering in small volumes or for service purposes.

### All complete

Of course, the VARIO pH comes in handy case sets complete with combination electrode, DIN or S7 adapter, the VARIO C<sub>ond</sub> with 4 electrodes or ultrapure water measurement cells, plus accessories... simply ready to go.

## New Instruments

- Compact and robust
- Simultaneous measurement of pH, oxygen, conductivity, temperature
- Up to 100 m cable length



- Single-handed operation
- Ergonomic
- Touch screen

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