



General Description of Meters

The inoLab® Laboratory Meters: Accurate and Reliable

The accurate and reliable inoLab® meter series offers outstanding features to achieve reliable and precise laboratory measurements, especially in challenging applications. Multiple function levels increase flexibility to meet all requirements for measuring safely and reliably.

inoLab® 750/7500*

- Two galvanically isolated pH inputs
- Four routines for special conductivity functions
- Menu navigation with backlit graphic display



Precise

With its outstanding technical features, the inoLab® 750/7500* is the best choice for the high-demand laboratory. It offers easy operation for routine measurements, however its real capability is demonstrated in difficult measuring scenarios. A multitude of measuring combinations can easily be selected

with the clearly structured menu. The instrument features password-protected operator levels and multi-level menu functions, and complies with requirements of the pharmaceutical industry including CFR 21 Part 11, pure water to pharmacopeia.

** North American version*

inoLab® 720/7200*

- Large, bright display
- Easy-to-clean surface
- Simple operation

Simple and reliable measurements. Ideal for measuring pH and ORP, dissolved oxygen, conductivity and temperature, this instrument is suitable for routine measurements.

Simple

The inoLab® function keys are designed for easy navigation. Automatic calibration and AutoRead functions ensure stable and reproducible results. The multifunction display for pH, DO, conductivity and temperature is large and easy-to-read.

Flexible

Choose between battery or AC power for maximum flexibility. Recharge the battery simply by connecting the instrument to AC power.


inoLab® 730/7300*

- Data transmission via bidirectional interface or optional built-in printer
- GLP/AQA
- Data logger and memory for 800 entries

Whether pH, ORP, ISE, dissolved oxygen, conductivity, TDS or salinity, this is the perfect system for all standard measurements. Document measured values according to AQA, GLP guidelines with use of printer.

Safe

The optional built-in printer incorporates high-quality thermal paper that is guaranteed not to fade for 10 years. Functions such as a real-time clock, a serial number, and a calibration protocol with sensor characteristics provide GLP-support. In addition to the bidirectional RS 232 interface, the data logger has memory for 800 data sets.

Convenient

A highly visible display for pH, DO, conductivity and temperature readings and the tactile keypad is easy-to-clean, well-suited for biological laboratories.

inoLab® 740/7400*

- Control via PC or terminal
- Comprehensive data acquisition
- Measurement functions for demanding laboratory analysis

Computer Compatible

inoLab® 740/7400* can be connected directly to a PC. The inoLab® 740/7400* comes complete with our MultiLab® pilot software package to transform any computer into a meter. Configuration, calibration, measurement: all functions are controlled by means of pull-down menus for simple user interface, similar to data base and export to PC standard formats. All measured data are available as tables and graphics, both online or offline.


Intelligent

The active multifunction box contains all measuring functions, numerous extension possibilities, connections, plug contacts and an electrically isolated interface for control via PC or terminal. The measuring procedure on the inoLab® 740/7400* is initiated by pressing either the Run/Enter or AutoRead key. The built-in electronics process all incoming measuring signals immediately and make them available for communication with other peripheral devices.

* North American version

ProfiLine – Portable Field Meters

Indestructible and waterproof, reliable and safe:

Both the housing and the technical specifications of ProfiLine 1970i premium portable instruments are well suited for rough field operation as well as for use in laboratories.

These portable field meters are characterized by their extreme durability and shock-resistance. These instruments are waterproof (IP 66) and submersible (IP 67). Special probes with cable lengths of up to 100 m (330 ft) are available for extreme depth measurements.

WTW has incorporated a new built-in, environmentally-friendly NiMH rechargeable battery, which allows for 600 hrs of battery operation. With a carrying strap and handle, as well as the built-in electrode storage sleeve, the ProfiLine 1970i is a valuable tool for either field or laboratory applications.

ProfiLine 1970i has excellent technical specifications, data transmission by means of the MultiLab® pilot software and can be ordered with or without probes.

Whether measuring pH, dissolved oxygen, conductivity or multiple parameters, there is a suitable ProfiLine available for every measuring task.

ProfiLine 1970i

- Robust, waterproof
- Precise, versatile
- For measurements at depths down to 100 m (330 ft.)

Measurement of D.O. depth profiles

D.O. depth armature **TA 197 Oxi** with built-in temperature probe, up to 100 m (330 ft.) cable with waterproof plug (IP 67), pressure-resistant steel armor and a screw-off protective hood. Fits into 2" boreholes.

Use with battery-powered stirrer **BR 325** for depth measurement.



ProfiLine Single Parameter Portable Meters

Safe measurement under all conditions: the ProfiLine portable meter series 3110, 3205, 3210 and 3310 is designed for use in-the-field and in-the-laboratory. Handy and light at 400 g (0.9 lb.), it is shock-proof and waterproof according to IP 67.

3110/3205 (Oxi only)

- For routine measurements
- Simple and reliable

Simple operation guarantees reliable results

Perfect for those who need simple, reliable measurements. The keys, with a distinct pressure point, can easily be operated with gloves. Automatic calibration and automatic AutoRead functions provide safe and reliable measurements clearly visible on the large display.



3210

- For routine and standard measurements
- Wide selection of sensors
- Memory for 200 records

Versatile for measuring tasks in changing applications

The meters can be easily operated and parameterized as plain text menu, controlled via a backlit graphic display. Up to 200 data points can be manually saved with time and date stamp, and can be read clearly on the display.



3310

- GLP supportive
- Mini B USB interface
- High capacity memory/data logger

Perfectly manage and transfer large batches of measurements

These versatile meters are perfectly equipped for use in-the-laboratory and in-the-field. Besides battery power a USB power supply can be used in the laboratory. Memory capacity for 5000 data sets and logger intervals between 1 second and 60 minutes enable the recording of extensive data.



Multi 350i/3500i*

- Simultaneous measurement of 3 parameters + temperature
- Back-lit graphic display
- Menu-driven

Flexible and robust. Portable precision meter without compromise. For simultaneous measurement of up to 4 parameters. Graphic display with user-friendly menu navigation, as well as the highest level of accuracy and resolution, characterize this premium instrument as first-in-class.

Exclusively for the Multi 350i/3500i* – the multi-parameter probes from WTW:

ConOx:

Combined conductivity and dissolved oxygen sensor for laboratory and field applications

MPP 350:

Outdoor multi-parameter probe for pH, dissolved oxygen and conductivity



More information beginning on page 69.



The key word is MobiLab

Our professional case can be used as a mobile, portable laboratory. It contains a work surface with measuring beakers, a plug-in stand, all the necessary calibration and cleaning solutions – your all-inclusive laboratory in the field.



* North American version

VARIO® – Simple Measurements

Simple measurements at your fingertips

You notice it right away: VARIO® has no keys, but features an innovative touch screen: all functions can easily be called up and set with one hand. A light fingertip touch on the display is enough – and the VARIO® switches itself on.

Placing the electrode in solution starts the measurement automatically. Even very small volumes can be measured with the optimized electrode.

The VARIO® also functions as a laboratory clock, with stopwatch and timer.



VARIO®

- Touch screen
- Up to 1000 hours continuous operation
- Laboratory clock with timer function

Pocket meter with added value

Their ruggedness and ergonomic design make VARIO® instruments well-suited for service applications. VARIO® is supplied with a convenient carrying case assuring trouble-free storage of the sensors.

