

# ProLab 1000: pH for the professional

## pH Meter ProLab 1000:

Superior performance in a sophisticated package

### ▲ Precise measurements

With a measurement range of -2.000 up to +20.000 pH and an accuracy of 0.003 pH the ProLab is well suited for demanding measurements in research and process control.

### ▲ Reproducible results

The automatic calibration with up to 5 points and the automatic buffer recognition from more than 16 selectable buffer sets guarantee reliable results.

*User recognition with electronic ID card*



### ▲ Utmost reliability

The wireless sensor recognition and user identification allows a user name to be assigned to each measured value. ProLab 1000 also complies with further requirements, e.g. user levels allowing to allocate administrator rights or user identification via an electronic ID card.

### ▲ New: Integrated ISE measurement

With a measurement range of 0.000 to 999,999 mg/l and a 2- to 5-point calibration and with standards from 0.000 to 500,000 mg/l.



### Direct data transmission

RS232 and USB interfaces are integrated into the ProLab 1000. No adapter is required.

The integrated dead stop function allows for manual titration tasks. (wine industry, food industry).



Dead stop connection

USB and RS232 interfaces

### Documentation complying with GLP

The calibration protocols comply with GLP as well as date and time and identification of up to 1,500 data entries. Data storage is conform to 21 CFR part 11 structured into hierarchy levels with user identification.



Wireless sensor recognition



- ▶ Highest safety level with measurements and calibration through:
  - automatized user identification  
user recognition with electronic ID card through transponder technology.
  - wireless sensor recognition  
ID electrodes and measuring instrument with automatic identification and data exchange.
- ▶ High-precision and reliable measuring values through perfect matching with the measuring system.
- ▶ Fast and easy documentation complying with GLP through perfect communication via USB (slave) and RS232
- ▶ Scope of delivery, set
  - Measuring instrument
  - Electrode with integrated temperature sensor
  - Buffer solutions
  - Stand
  - Universal power supply unit
  - Cover

**Advantages  
ProLab 1000**