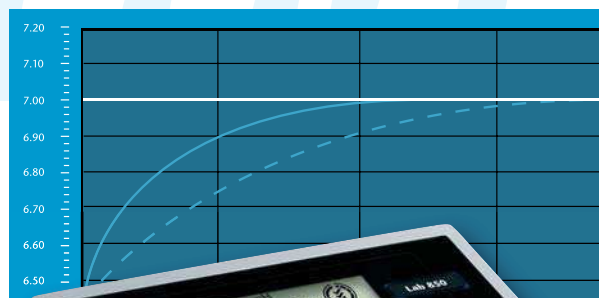


# Measuring pH with the Lab 8xx series

## pH Meter Lab 850

The new standard in the beginners' class



### Quality saves time

All meters from the Lab 8xx series feature our advanced measuring algorithm specially adapted to SCHOTT Instruments electrodes. The result is a calibration and measurement in usual precision – but in much shorter time!

### Keeping reliability in view: The CalClock...

This unique combination of sensor evaluation and calibration timer controls all calibration relevant settings. The sensor evaluation shows the electrode quality in increments. The quality criteria are slope, zero point and reaction time. The preset calibration interval is displayed as a countdown in 6 steps. When the time interval has elapsed, an optical and an acoustical signal is activated. The CalClock combines both functions at a glance.



CalClock

## pH Meter Lab 860

Perfect communication for fast documentation

### Direct data transmission

All instruments with data transmission function are provided with a conventional RS 232 plus a modern USB PC interface. No adapter is required.

USB and RS 232-  
interfaces



## pH Meter Lab 870

Laboratory practice improved – GLP with SCHOTT Instruments

- ▶ Sensor is automatically recognized

The quality controller's dream: A measuring instrument that automatically recognizes the electrode and the user! The new sensors with distinct identification send their specific data to the measuring instrument wirelessly. Wrong measurements are excluded.

### Wireless sensor recognition



### Special stand S4D



- ▶ **Reliable and precise measuring values** due to perfect matching of the measuring instruments with our electrodes and buffer solutions.
- ▶ **Keeping reliability in view with „CalClock“** sensor recognition and calibration timer combined.
- ▶ **Easy documentation complying with GLP** through perfect communication via USB (slave) and RS 232 (except Lab 850).
- ▶ **Highest safety for measuring and calibrating** through wireless sensor recognition (Lab 870): ID electrodes and meters with automatic identification and data exchange.
- ▶ **Scope of delivery, set**
  - Measuring instrument
  - Electrode with integrated temperature sensor
  - Buffer solutions
  - Stand
  - Universal power supply unit
  - Cover

**Advantages**  
Lab 8xx