

100% Swiss

The highest in Quality & Technology



pH-Meter 960

- *Precisa is becoming one of the world's leading makes of analysis equipment.*
- *The new range of pH-meters offers a wide selection of new options and additional features in the high-end segment.*
- *Exclusive worldwide with optimised, GLP-compliant electrode testing, monitoring and service intervals.*
- *pH calibration with automatic buffer detection.*
- *Precisa supports users with its dedicated laboratories in the Far East and Europe.*

Precisa

■ The Balance of Quality ■



pH-Meter 960

The new generation in top-quality, high-end technology

Quality, ease of use, design

This new generation combines top-quality alignment with optimum user convenience and state-of-the-art design. Despite the wide array of functions, it is very simple to operate:

You can start measuring with the standard parameters integrated in the device as soon as you power up. The large multi-line display gives you a clear overview and makes it easier to configure individual settings. They can then be saved as a separate method under a readily identifiable name.

Stirrers

This is also a new generation of stirrers, which have been optimised to meet growing requirements. The stirring control by the pH-meter guarantees reproducible measurement results. The stirrer is directly controlled by the pH meter via the MSB interface.

Sample identifiers

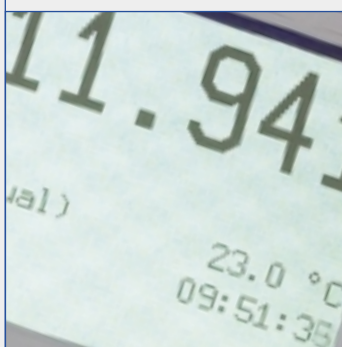
These can be up to 15 ASCII characters long. You can connect a PC keyboard or identify the sample using a barcode reader.

Electrodes

The pH-Meter 960 comes complete with the Unitrode pH-electrode, with its integrated Pt 1000 temperature sensor.

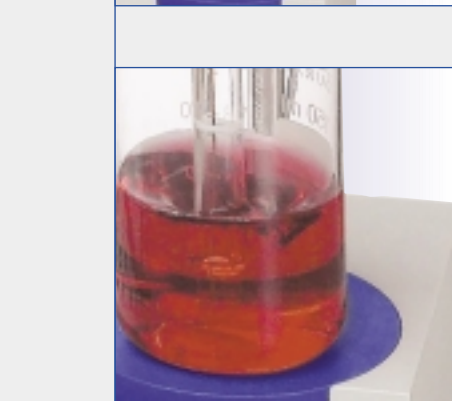
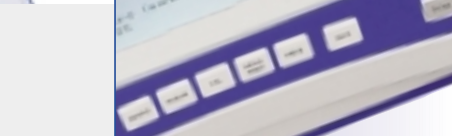
GLP-compliant electrode test

These new pH-meters now also allow you to perform tests tailored to suit your special electrode. Regardless of whether you use an electrode with aqueous, non-aqueous or gel electrolyte medium, the test delivers electrode-specific information, such as response time, zero point or slope, as well as a final assessment of the electrode, which provides information on the state of the membrane and the diaphragm.



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pH calibration with automatic buffer detection

Calibration with up to 9 buffers is extremely simple thanks to cleverly devised dialogue guidance, as well as automatic buffer detection and analysis. You can store the calibration data and curve under the appropriate electrode ID and view it any time.

Should you wish to use buffers other than those stored in the meter, just enter the relevant values, whether it is for a particular temperature or as a function of temperature.

User identification

The user ID in the report allows you to determine at any time who performed which measurements, and when. Moreover, the user can also sign the printout of the results to confirm them.

Monitoring intervals

Thanks to the integrated monitoring function, you are alerted to the imminent quality control tasks on time, such as meter validation or if the calibration or service intervals have lapsed. Intervals can be adapted easily by companies to suit their own specific requirements. The system performs internal diagnostics every time it is switched on. This can be printed in the form of a system report.

Meter test

If you have any doubt about the accuracy of the reading displayed, the reference values supplied by the calibrated measurement transmitter provide quick and easy clarity on the condition of the meter. The calibrated measurement sensor is simply connected to the meter being checked in place of the sensor. Since your meter is checked in the course of normal procedures, or within the scope of established methods, the operational sequences and methods used are also tested.

Technical Data pH-Meter 960

- with Unitrode pH-electrode and integrated Pt-1000 temperature sensor
- with magnetic stirrer 101

Measuring ranges:	
pH	0...14 (±20.000)
Potential	±2200 mV
Temperature	
Pt 1000	-150.0...+250.0°C
NTC	-20.0...+250.0°C
Resolution:	
pH	0.001
Potential	0.1 mV
Temperature	0.1°C
pH calibration (number of buffers)	1 to 9
Automatic adjustment for the temperature characteristics of the stored buffer solutions	X
Automatic buffer detection	X
Automatic temperature compensation	X
Automatic self-diagnostics	X
Automatic GLP-compliant electrode test for different types of pH electrodes	X
Stability control (drift indicator)	X
Simultaneous display of pH and temperature	X
Electrode input (high-resistance)	1
Temperature measuring input for Pt 1000 and NTC	X
Method memory	X
Memory for 100 measured values including additional data	X
GLP-compliant results printout	X
Automatic monitoring function (validation, service, calibration, diagnostics)	X
User identification and field for a signature on the report	X
Plot function for pH/mV/°C over time	X
RS 232C port for a printer or PC	X
MSB port (serial bus)	X
Stirrer controller connection	X
Connection for a PC keyboard and barcode reader	X
Dialogue guidance languages	Ge, En, Fr, Sp
Power supply 100...240 V, 50...60 Hz	X
Technical modifications reserved.	



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