

Analytical innovations of the DPST Behnert GmbH

Unique calibration free pH-probes with new patented
DPST pH-sensor technology



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DPST BEHNERT GMBH
DIREKT POTENTIOMETRISCHE SENSOR TECHNIK

Calibration free DPST pH-probes

Calibration free, sturdy and precise DPST-pH-probes will enable you to process new pH-measurements being not possible with conventional probes: You will gain from outstanding, singular advantages of the new, patented DPST pH-sensor technology:

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DPST pH-QuinProf®

An Unique Adventure in Teaching and Learning

DPST developed this patented electrode especially for education in schools, high schools, colleges and universities and – last but not least - for training in industry. Our **pH-QuinProf®** is an improved version of the former **pH-QuinTeach®** electrode.

The **pH-QuinProf™** opens an excellent and demonstrative shortcut between theory and practice of pH-Measurement: The user follows the path from the instructive assembly to the easy insight and highly accurate measurements.

The **pH-QuinProf™** is a self assembly kit which contains a glass body, a screw-cap with a special low-noise-coax cable and innovative pH-composite-electrodes. One electrode ist the working electrode, one the reference electrode. If filled with a pH 7 buffer the zero point is exactly at pH 7. The calibration free **pH-QuinProf™** fits perfectly the DPST-ELMETRON instrumentation but is compatible with any common pH-Meter.



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DPST pH-SoilProbe®

A singular Probe for direct, fast and reliable Monitoring of the Soil pH

The most important condition for healthy plants and a good growth is the soil quality: The soil pH is one of the most important environmental influences for soil formation processes and the intake of nutrients by the crop. The **pH-SoilProbe®** offers the user the unique opportunity to detect causalities directly and to react without any delay.

The user will profit from unique advantages of the patented **pH-SoilProbe®** technology:

User-friendly handling and secure functionality

Permanent ready to use without any time-costing calibration

Absolutely reliable and precise in-situ measurements

Resistant against mechanical destruction and contamination

Excellent qualification as well for fast response single measurements and long-time monitoring

Laborious, expensive and delayed laboratory results are avoided by the use of the **pH-SoilProbe®**.

We offer a standard version (length: 1000 mm; diameter: 30 mm, weight: 950 g) of the **pH-SoilProbe®** (see picture) for the use with a common pH-meter or special versions e.g. for multilayer monitoring or telemetric applications.



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Contact and ordering Information

Please contact us for further information and/or questions. We look forward to assist you with more information about the new, unique calibration free DPST pH-Probes.

To contact us or to request a quotation you may use the contact form on our homepage www.analysisio.com or write us an email to info@analysisio.com. Of course you may contact us also via phone or fax.

We look forward to your order and would like to send you an offer.

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