

### What Does It Measure?

The Skin-pH-Meter PH 905 is a quick, easy and economical tool to specifically measure the **pH on the skin surface** or the scalp.

### The Measuring Principle

The measurement is based on a high quality **combined electrode**, where both H<sup>+</sup> ion sensitive electrode and additional reference electrode are placed in one housing. It is connected to a probe handle containing the measurement electronics.

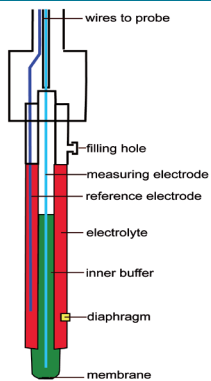
### Fields of Application

There are many fields of application where changes in skin pH are of interest.

- In **cosmetological and pharmaceutical** application fields for the development of home and personal care products.
- The role of the pH has gained importance in **skin health** and is therefore subject to basic research.
- Studies on the changes in the **microbiotic environment** on skin and scalp.
- For educating on skin health and suitable products in **occupational health**.

### Advantages

- The modern, high quality electronics of the probe allow a **very quick** (1 s) and reliable measurement avoiding occlusion effects.
- The probe head is **planar** for measuring on the skin surface.
- **Continuous** measurements over long-term periods possible, e.g. for in-vitro applications.
- Display of the pH-value with one decimal.
- **Regular calibration** can easily be done by the user.
- Available for **C+K MPA-systems**, as stand-alone device (**MDD**) and **wireless probe** (operation with RR 200 & MPA WLplus software).



### Technical Data

Dimensions: 22.8 cm, Measuring surface: Ø 1 cm flat; Weight: 130 g  
 Measurement range: pH 1,0 to pH 11,0, Measurement uncertainty: ± pH 0.1  
 Technical changes may be made without prior notice.

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