

What does it measure?

Compact device with display for the measurement of skin moisture, sebum and pH on the skin surface.

The Measuring Principle

Corneometer®: Capacitive measurement. The change of the dielectric constant by moisture on the skin surface is determined.

Sebumeter®: Based on grease spot photometer. The foil of the Sebumeter® cassette is brought into contact with skin or hair. The foil becomes transparent proportional to the sebum content of the measured area. Then the cassette is inserted into the measuring aperture and the transparency is measured by a photodiode.

Skin-pH-Meter®: Combination electrode, which combines both the glass and reference electrodes into one body. The glass part is connected to the probe handle containing the measuring electronics.

Fields of Application

Ideal instrument for

- research to characterize the hydrolipidic film of the skin
- dermatological diagnostics
- occupational medicine for early recognition of skin damage

Advantages

- Values shown on a digital display
- The software stores all measured values together with the patient data. They can be printed and processed with statistical programmes.
- Check calibration function available
- Quick and easy handling
- Worldwide acknowledged measuring methods used in a multitude of studies



Technical Data

Dimensions: 10 x 26 x 25 cm, weight : 2.3 kg, external power supply: 90-264 V, 50-60 Hz

Measuring principles:

Corneometer®: capacitive, measuring area: 49 mm², frequency 0.9-1.2 MHz

Sebumeter®: photometrical, sebum content in mg/cm²

Skin pH-Meter®: pH 0 to pH 12

Technical changes may be made without prior notice.

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