

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

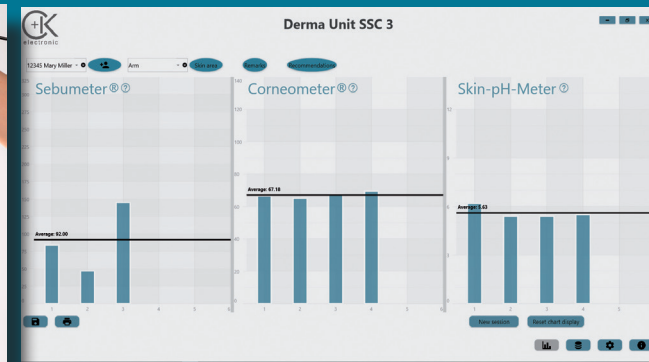
Fields of Application

Ideal instrument for

- Research to characterize the **hydrolipidic film** of the skin.
- Recommendation of **individual skin care products** in practice.
- Occupational medicine to **demonstrate** skin damages and to **advise** consistent application of skin protection products.

Advantages

- Values are shown on a **digital display**.
- The software **stores all measured values** together with the person's data. The results can **be compared** over a longer period.
- **Supportive print-outs** of the data together with remarks and recommendations for the measured persons.
- The **colours** in the software can be adjusted to the company's CI by one click.
- **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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