

What Does It Measure?

The Sebumeter® SM 815 is a **worldwide acknowledged** tool to measure **sebum (oil)** on skin, scalp and hair.

The Measuring Principle

The measurement is based on **grease spot photometry**. The opaque tape of the Sebumeter® SM 815 is brought into contact with skin or hair. It becomes transparent in relation to the **amount of sebum** on the surface of the measurement area. When the tape is inserted into the aperture of the device, the **transparency is measured** by a photocell. The light transmission reflects the sebum content.

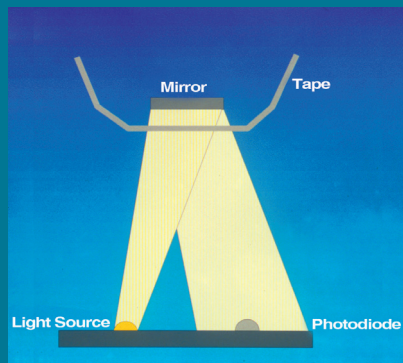
Fields of Application

There are many fields of application where the sebum content plays a major role.

- Important for dermatologic **basic research**.
- It is used for objective **clinical studies** and the monitoring of the course of skin changes.
- For **claim support and efficacy testing** of all kinds of cosmetics and pharmaceuticals (especially cleansers, anti-acne products, shampoos and hair care, products for oily skin).

Advantages

- The special tape detects only oil and is **not influenced by moisture**.
- A spring in the measuring head provides **constant pressure** on the skin.
- The low weight cassette permits **convenient** measurements at all body sites.
- One measurement cartridge lasts for approx. **400 measurements**.
- The accuracy of the Sebumeter® can easily be **checked any time**.
- Hundreds of **studies** have been done with the Sebumeter®.
- Available in the C+K MPA-systems and as stand-alone device (MDD).



Technical Data

Dimensions: 8.5 x 11.3 x 2.3 cm; Measuring surface: 64 mm²; Weight: 65 g;

Measurement principle: photometric

Units: Sebumeter® units from 0-350 (approximated to µg/cm² in a certain range), Measurement uncertainty: ± 5%

One cartridge lasts for approx. 400 measurements. Exhausted cartridges need replacement.

Technical changes may be made without prior notice.

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