

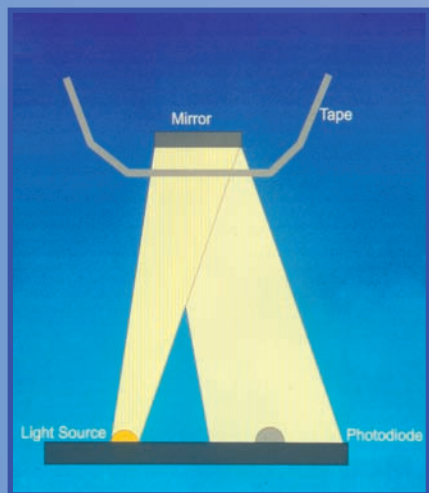
Sebumeter® SM 815 – Determining the Skin Surface Sebum

The Sebumeter® is the most widely acknowledged, very accurate and successful sebum measurement device for skin, hair and scalp.

Its use in dermatology and cosmetology is very well documented over many years with a large number of publications.

The Measuring Principle

The measurement is based on grease-spot photometry. A special tape becomes transparent in contact with the sebum on the skin surface. For sebum determination, the measuring head of the cassette is inserted into the aperture of the device, where the transparency is measured by a light source sending light through the tape which is reflected by a little mirror behind the tape. A photocell measures the transparency. The light transmission represents the sebum content on the surface of the measuring area and is displayed in units from 0-350.



The Probe (Cassette)

The measuring head of the cassette exposes a 64 mm² measuring section of the tape. For a measurement the tape is moved forward by a trigger at the side of the cassette to expose a new section of tape. The used tape is rewound inside the cassette. One cassette can be used for approx. 450 measurements. The scale from 1-0 on the trigger shows how much of the tape is still unused. For hygiene reasons when exhausted, the cassette is simply replaced.

The accuracy of the device can be easily checked at any time with a specific test cassette with a fixed value.

Technical Data

Measuring cassette: Dimensions: 8.5 x 11.3 x 2.3 cm, Weight: 65 g, Measuring surface: approx. 46 mm², Accuracy: ± 5 %
Technical changes may be made without prior notice.

Skin-pH-Meter® PH 905 – pH Measurement on the Skin Surface



The measurement of the pH-level on the skin surface is an important parameter for evaluating the quality of the hydrolipidic film on the skin especially in developing soaps, cleanser or detergents.

Measurements with the Skin-pH-Meter® PH 905 are made using a probe consisting of a single glass rod containing all the sensor elements connected to a probe handle containing measurement electronics. The planar design of the probe head allows direct measurement on the skin. The measurement is started by pressing a button on the side of the probe handle and the result is **displayed in 1 s** up to two decimal places. The short measuring time avoids occlusive effects on the skin. In addition, continuous measurements are possible. Regular calibration can quickly be performed by the user.

Technical Data

Dimensions: 22.8 cm, Measuring surface: Ø 1 cm, flat, Weight: 130 g, Measurement range: pH 0 to pH 12
Accuracy: ± pH 0.1 Resolution: pH 0.01
Technical changes may be made without prior notice.