What Does It Measure?

The Sebufix® F 16 is a **special foil absorbing the sebum** of the skin surface by its micro pores. The sebum on the foil is visible as spots of different sizes.

The Measuring Principle

The foil is applied to the skin and the sebum will become visible as **transparent spots** in various sizes after only a few seconds. The lateral spread of sebum in the foil is minimized.

Skin with low oil content shows few small spots, whereas oily skin is visualized by numerous large spots.
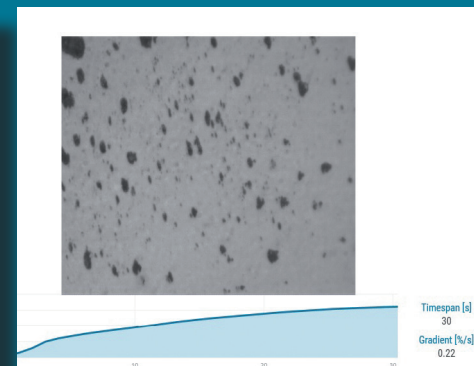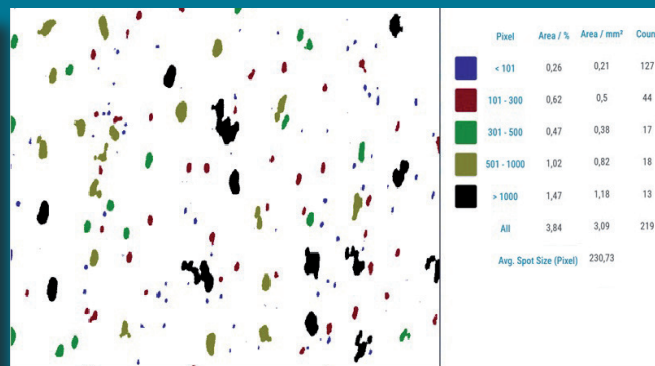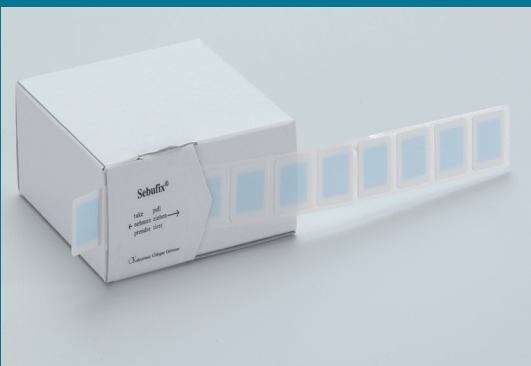
Fields of Application

In addition to the well established quantitative measurements with the Sebumeter®, Sebufix® F 16 offers a more **qualitative approach** towards skin sebum.

- It is a very helpful tool for investigating the **activity** of the sebacious glands.
- In cosmetology for f**ormulation and efficacy testing**, the sebum level of the skin is one of the most important parameters.
- Especially suitable for the field of cleansers, anti-acne skin care, **cosmetics for oily skin** etc.
- Studies of the characterization of the **hydrolipidic film**.

Advantages

- The **very quick** measurement without any glue has no occlusion effects on the skin thereby avoiding false results.
- The measurement is **not influenced by the hydration** level of the skin (sweating).
- The Sebufix® F 16 is a very good addition to the Visioscan® skin camera. The sebum production can even be **monitored live** over a given period on a video monitor. With the software, the number, size classes and area covered with spots can be evaluated.
- **Numerous studies** have been performed with this interesting tool.

Pixel	Area / %	Area / mm²	Count
< 101	0,26	0,21	127
101 - 300	0,62	0,5	44
301 - 500	0,47	0,38	17
501 - 1000	1,02	0,82	18
> 1000	1,47	1,18	13
All	3,84	3,09	219
Avg. Spot Size (Pixel)	230,73		

Timespan [s] 30
Gradient [%/s] 0.22

Technical Data

Dimensions: 17 mm x 17 mm; Thickness: 0.2 mm
The foils present no hazard to the skin.
Technical changes may be made without prior notice.