

## What does it measure?

The Meibometer® MB 560 is a unique tool to measure the sebum content of the lacrimal fluid.

## The Measuring Principle

The measurement is based on grease spot photometry. The Meibometer® strip consisting of Sebumeter® tape is brought into contact with the lacrimal fluid on the lower eyelid margin. It becomes transparent in relation to the lipid content of the tear film. Then the strip is inserted with the slider into the device and the transparency is measured by a photocell. The peak of the light transmission curve represents the sebum content.

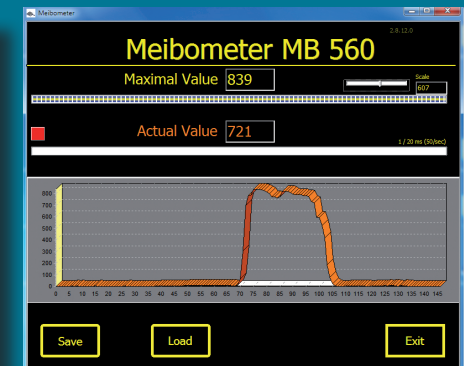
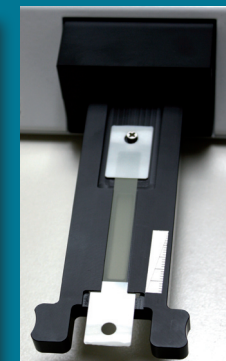
## Fields of Application

There are several applications in human and veterinary ophthalmology where the sebum content of the lacrimal fluid is of interest.

- It is important for basic research on the meibomian glands and the tear film.
- It is used for clinical diagnosis and the monitoring of the course of eye diseases.
- It is important for efficacy testing of pharmaceutical products.

## Advantages

- Quick and easy handling of the foil strip for collecting the lacrimal fluid.
- Comfortable and reproducible measurement with the strip slider of the device.
- Display of the lipid content results in the software.
- Interface and power supply by USB connection, no extra power supply needed.



## Technical Data

Dimensions: 13 x 5 x 18.2 cm (+ 11 cm with extended slider), Power supply: via USB, Weight: 0.9 kg,

Interface: USB, Measurement principle: photometrical, Strip: Sebumeter® foil

Technical changes may be made without prior notice.

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