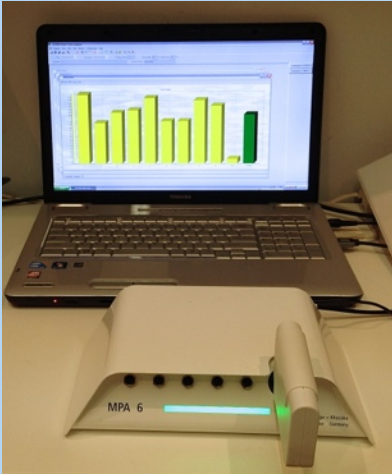
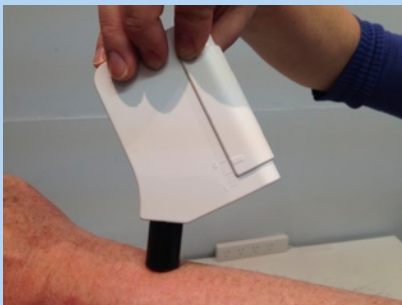




## STEPS



SEBUMETER® SM 815



### 2. SAMPLING



### 3. QUANTIFICATION OF IMPROVEMENT

## Skin Sebum Measurement

**For improvement of excess sebum conditions - oily skin**

**Supportable Claims**  
**Oily Skin Treatment**  
**Oily Scalp**  
**Shampoo cleaning efficacy**  
**Anti-acne treatments**

### Steps of the Test

Test sites may be nominated and are delineated for corresponding areas. In order to pre-condition the test sites and keep all topical treatments constant for all test subjects, panelists are required to abstain from using conflicting products on the test area for a period of one week prior to study commencement and during the course of the study.

### Measurement

Measurements are based on greasy spot photometry. Samples are taken by applying a mat tape which is dispensed from a Sebumeter dispenser. The sample is then immediately inserted into the reader and the opacity is measured by a photocell.

Base line is determined on the same or an adjoining area just prior to commencement of the study.

### Single Day Studies

On the day of the study, test material is delivered to the test sites through plastic volumetric syringes. A site of equal size is left untreated to serve as a negative control. Panelists are blinded as to the nature of the material being applied. Panelists are required to remain in the lab under controlled humidity conditions for the entire initial test period.

### Multi-day Day Studies

Product is applied to test area by the volunteers, according to client instructions.

At further nominated time points, test subjects are brought back to the laboratory for further measurements. In all other aspects, the methodology is the same as for the single day study.

### Reporting

Quantification of change by optical transmission measurement.

### References

1. Sebumeter: Pande SY, Misri R. Indian J Dermatology Venereology Leprology 2005;71:444-6
2. Evaluation of facial skin type by sebum secretion: Discrepancies between subjective descriptions and sebum secretion Sang Woong Youn, Soo Jung Kim, In A Hwang and Kyoung Chan Park Skin Research & Technology Volume 8, issue 3 pages 168-172, Aug 2002

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