

SEBUMSCALE

SKIN SEBUM MEASUREMENTS MADE EASY

PRODUCT BENEFITS

- ♦ Sensitive, accurate and reliable skin sebum measurements
- ♦ Built-in microbalance – no separate desktop unit needed
- ♦ Fully portable and battery operated
- ♦ Wireless connection to PC
- ♦ Extremely practical to use
- ♦ Fast and convenient measurements
- ♦ Measures micrograms, not units on arbitrary scales
- ♦ Utilizes advanced quartz crystal sensor technology



APPLICATION AREAS

- ♦ Product and formulation research and development in pharmaceutical, personal care and chemical industries
- ♦ Claims validation work
- ♦ Efficacy testing
- ♦ Skin research studies
- ♦ Assessment of skin types
- ♦ Evaluation of skin care and treatments
- ♦ Marketing and promotion of skin care products

SKIN SEBUM

Skin sebum measurements are performed in connection with skin complications and in the claims substantiation of personal care and pharmaceutical products such as cleansers and products for anti-acne and oily skin. Skin sebum excretion measurements with absolute units are now possible for the first time. The sensitive SebumScale measures the amount of sebum accurately in micrograms and it is a reliable and convenient tool also for skin type assessment and clinical trials.

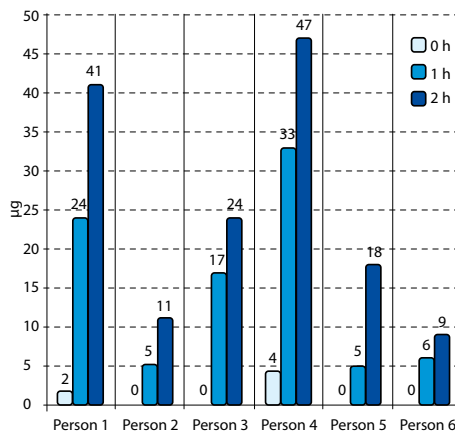
SEBUMSCALE INSTRUMENTATION AND MEASUREMENT PRINCIPLE

The SebumScale is a compact instrument applying microbalance technology for accurate and repeatable mass weighing. The disposable SebumScale measurement sensors have an effective measurement area of 1 cm². The sensor is briefly placed on the skin and the instrument then

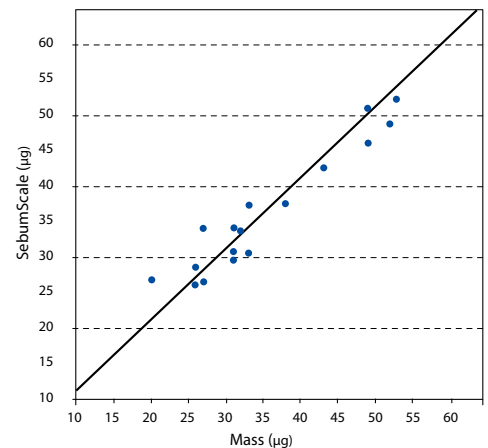
measures in a few seconds the mass of the sebum collected from the skin in 0.1µg resolution. The SebumScale may be used either as a stand-alone device or measurement data may be collected wirelessly to the DMC in software.

The DMC software allows users to set up individual projects, store and view measurement data and plot the results or export them to other programs for editing.

SEBUM EXCRETION AFTER SKIN CLEANSING



SEBUMSCALE CORRELATION WITH PRECISION BALANCE



DELFIN INSTRUMENTS ARE USED
WORLDWIDE IN OVER 40 COUNTRIES
ON 6 CONTINENTS

Manufactured and Marketed by



Patent pending

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