DERMACATCH®

The latest advancement in skin pigmentation measurement

Highly precise distinction of melanin from erythema

Practical, light weight pocket size device

Easy to handle / no cable connection

No effect from environmental light
Precise skin colour measurement is of the utmost importance for researchers as well as clinicians involved in the field of skin pigmentation. Skin colorimetry has proved to be a delicate and rather complex issue. This complexity results from several facts:

DERMACATCH® represents the latest technological advancement to resolve the mentioned challenging issues:

Skin erythema, which readily changes due to internal or external factors, can highly interfere with the precise measurement of skin pigmentation. The desirable skin colorimeter should remain specific for melanin measurement in the case of modifications in skin erythema and vice versa. This is one of the most important challenges in skin colorimetry.

Skin erythema can readily vary depending on the pressure applied to the skin surface by the colorimetric device. Since the pressure applied by the user can significantly vary from one to a subsequent measurement, it can significantly interfere with the reproducibility of erythema values, which in turn, falsely affects the melanin values.

Depending on the method of measuring, ambient temperature, and lighting conditions the result of measurements can vary.

Due to its coverage of the complete visible light spectrum and due to its different method of calculation of pigmentation and erythema, DERMACATCH® remains highly specific for melanin quantification even in case of a significant increase in the level of skin erythema.

The particular distinguishing capacity of DERMACATCH® for erythema vs. melanin, causes the melanin measurements to remain reproducible even in the case of a change in pressure applied to the skin surface by the user. In addition, the design of the optical orifice of DERMACATCH® permits a minimum surface-to-surface contact of the optical part with the skin, thus reducing the chance of skin blanching due to pressure.

Ambient light and temperature do not affect the melanin and erythema values when measuring with a DERMACATCH® device.

DERMACATCH® instantly provides the Melanin and Erythema values and serves every skin pigmentation professional as a highly precise, hand-held and pocket size colorimeter.

Use
Position DERMACATCH® perfectly even on the surface and CLICK.

Technical specification
Battery: 9V 6LR61
Autonomy: over 2000 measurements
Language: English, French, German, Italian, Spanish, Portuguese, Turkish, Czech, Slovak, Dutch, Finnish and Polish.
PC Communication: USB
Dimensions: 120 x 40 x 35 mm
Weight: 100 gr. (excl. battery)
Warranty: 2 years