

SKINPHOTOTYPER

OBJECTIVE ASSESSMENT OF SKIN PHOTOTYPE

PRODUCT BENEFITS

- Measures skin phototype based on ITA degree
- Helps in adjusting the power of IPL or laser device before hair removal
- Utilizes scientifically validated measurement technology
- Readings unaffected by device contact pressure and ambient light
- Portable and battery operated
- Fast and convenient measurement
- Calibration check tool included



APPLICATION AREAS

- IPL and laser hair removal
- Chromotherapy aesthetic care
- Tattoo removal
- UV radiation induced pigmentation (tanning)
- Skin research studies
- Clinical dermatology
- Product and formulation R&D in pharmaceutical, personal care and cosmetic industries
- Blanching effects
- Skin whitening



SKINPHOTOTYPER INSTRUMENTATION AND MEASUREMENT PRINCIPLE

SKINPHOTOTYPER

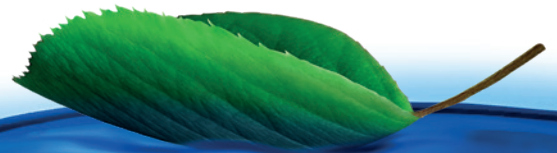
SkinPhotoTyper is a fully portable and wireless instrument for measuring the skin phototype. The device utilizes scientifically validated measurement technology. Skin phototype is measured based on the ITA degree and classified with a scale from 1 (very light) to 6 (dark) similar to Fitzpatrick scale. Skin phototype assessment helps in adjusting the power of the IPL and laser devices before hair removal to increase the safety of the treatment. Additionally, skin phototype

measurements can be used in tattoo removal, chromotherapy aesthetic care or in any study related to skin pigmentation.

The SkinPhotoTyper can be used either as a stand-alone device or measurement data may be collected wirelessly to the DMC software. The DMC software allows users to set up individual projects and plot and print the results or export measurement data to other programs for editing.

White LEDs corresponding to daylight are arranged circularly inside the measurement chamber of the SkinPhotoTyper. When the SkinPhotoTyper is gently placed on the skin, the LEDs illuminate the skin in the angle of 45 degrees to minimize gloss. The reflecting light from the skin is detected with an RGB color sensor. The measurement is not affected by ambient lightning conditions and the optical orifice of the SkinPhotoTyper is designed to minimize possible blanching effects caused by the contact pressure against the skin.

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WORLDWIDE IN OVER 40 COUNTRIES
ON 6 CONTINENTS



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