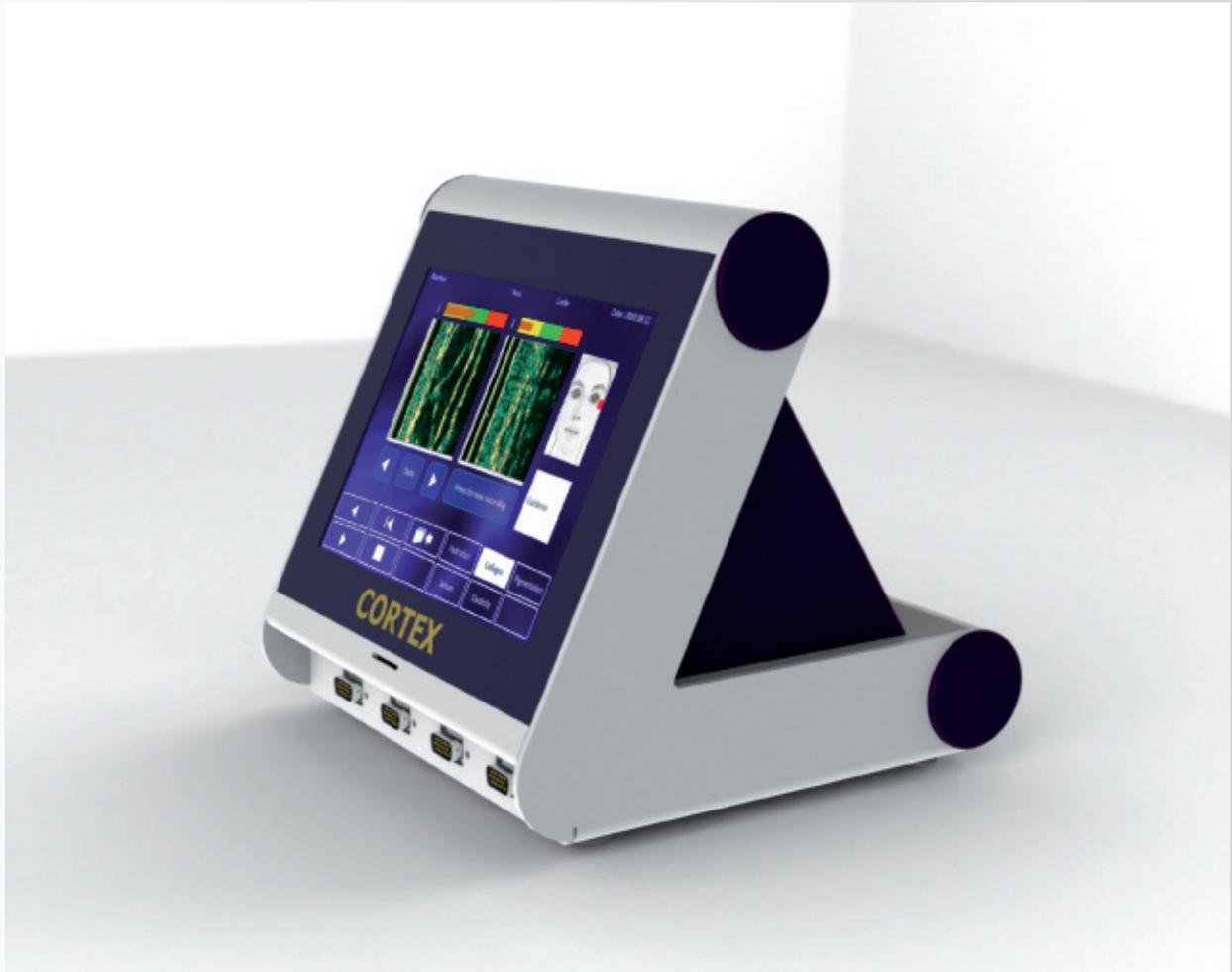


DermaLab[®] Combo

Skin Test Center with Ultrasound



CORTEX TECHNOLOGY

DermaLab® Combo

all you need for reliable skin testing

DermaLab® Combo is a compact skin analyzer featuring touch screen operation making daily use easy and intuitive.

DermaLab® Combo is based on our long-term experience in developing and manufacturing scientific skin instrumentation. For the first time it is now possible to combine the classical topical measurements with high resolution cross-sectional in-depth imaging in one single instrument.



DermaLab® Combo offers high precision and reproducibility on all its measuring parameters making it ideal for comparison over time. A built-in client database makes it easy to recall previous recordings and compare with new measurements.

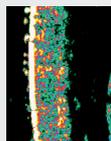
DermaLab® Combo easily integrates into the daily work routine, where it may provide supplementary scientific evidence in support of visual assessment of skin conditions, whether it is in a beauty clinic or salon. As such, the device is ideal for evaluating photoaging and the collagen improvement as a result of rejuvenating procedures as well as the recommendation of specific skin care products.

DermaLab® Combo

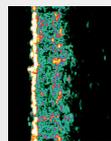
is a modular instrument offering a variety of skin testing probes.

Define your own DermaLab® Combo and get exactly what you need!

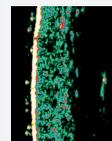
Ultrasound



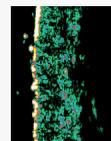
20 years old



30 years old

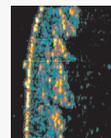


40 years old



50 years old

Ultrasound skin-age imaging clearly demonstrates the need for treatment and documents treatment efficacy. Ultrasound may also be used for visualizing cellulite and the efficacy of cellulite treatment. Principle: Rotating 20 MHz X-tal, 3.7 mm penetration.



Cellulite

Elasticity

The visco-elastic properties of skin are assessed by means of a light weight suction cup. Principle: Stress/strain by applied suction cup.



Elasticity

Moisture

Conductivity is a well-known indicator for the water binding capacity of Stratum Corneum - the skin hydration level. Pin probe design facilitates dry skin and scalp applications. Principle: Conductance, single frequency.



Moisture

Sebum

Sebum is objectively assessed by measuring the translucency of an oil absorbing microporous film material. Offers on-screen step-by-step guidance and strip offset calibrator. Principle: Translucency of sebum collecting material.



Sebum

Pigmentation

Calculates the melanin and erythema index to provide information about the pigmentation level and reaction to irritants and allergy. Principle: Colour detection, reflectance spectro-photometry.



Pigmentation

Transepidermal Water Loss

Transepidermal Water Loss (TEWL) is an established and widely accepted method to accurately assess the skin barrier function. Principle: Open chamber, vapour diffusion gradient.



TEWL

Videoscope

The video-scope is an electronic video microscope with 20-50X magnification. With built-in illumination it provides high quality close-up images of skin conditions, which may easily be captured and stored in digital form. Principle: CCD, built-in illumination.



Videoscope

CORTEX TECHNOLOGY

...instruments for skin professionals