

kosmo science

SKIN CARE

SKIN SCIENCE AND CONSUMER TESTING

TECHNOLOGICAL PLATFORMS

Biometry| Spectroscopy| Microscopy| Image Analysis



BIOMETRIC TESTS

- Corneometry (skin and scalp)
- Transepidermal water loss (skin, lips, nails and scalp)
- Sebumetry (skin and scalp)
- pH (skin and scalp)
- Cutometry (skin)
- Mexametry and Colorimetry
- Glossymeter (skin and hair)

SPECTROSCOPIC ANALYSIS

Fluorescence spectroscopy:

- Collagen synthesis
- Elastin synthesis
- Cell turnover
- Barrier repair

ATR-FTIR spectroscopy:

- Skin hydration
- Barrier recovery
- Barrier strengthening

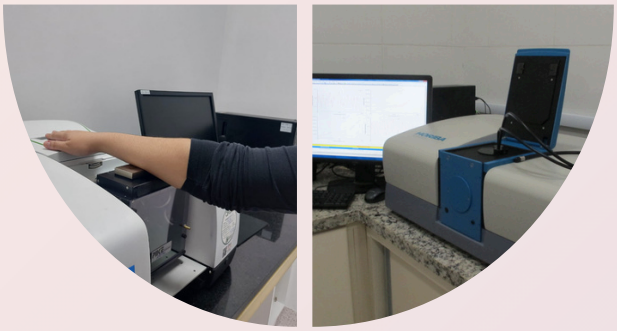
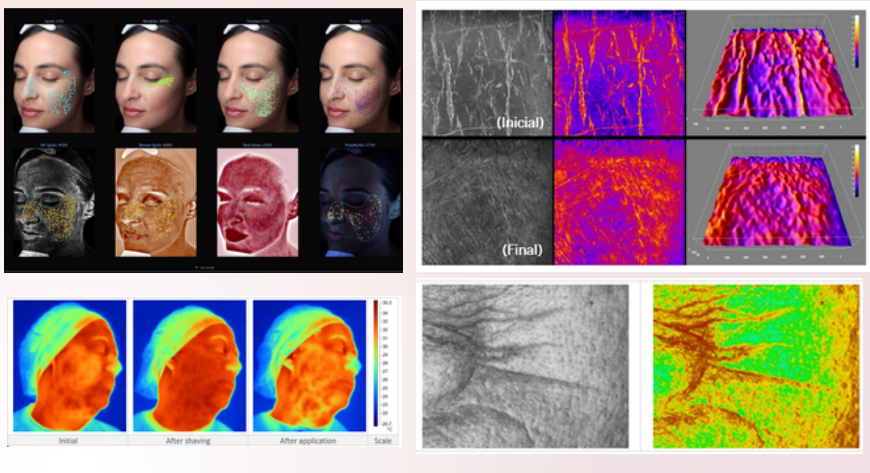


IMAGE ANALYSIS



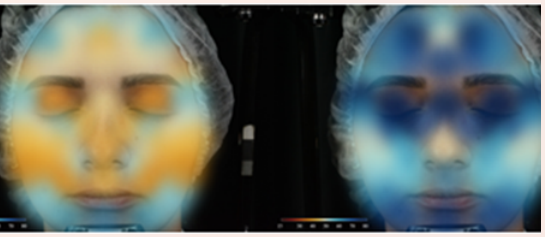
- Deep wrinkles and fine lines
- Hyperchromia
- Acne Lesions
- Redness
- Body/Face volume and contour
- Pores and Pores Size
- Soothing effect / Thermal comfort
- Skin texture and roughness
- Anti-pollution
- Eyelashes
- Anti-cellulite
- Skin density and thickness by ultrasound

SKIN CARE

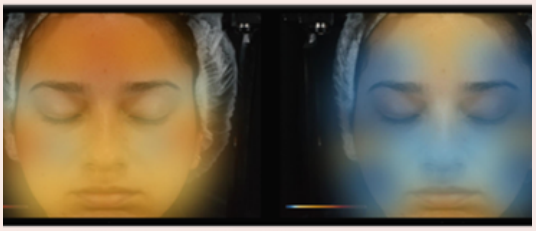
SKIN SCIENCE AND CONSUMER TESTING

FACIAL MAPPING

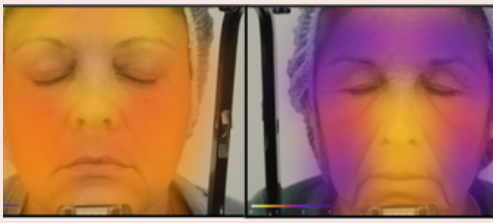
Visual experiences obtained through biometric and spectroscopic techniques



Hydration map (corneometry)
Yellow: less hydrated / Blue: more hydrated



Oiliness map (sebumetry)
Red/Yellow: more oiliness / Blue: less oiliness

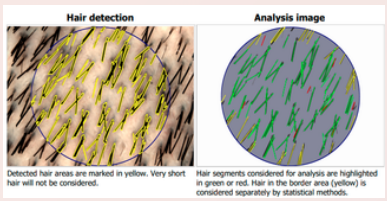


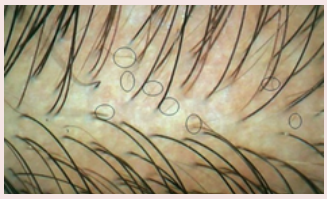
Aging map (Collagen Content)
Yellow: more collagen |Purple: less collagen

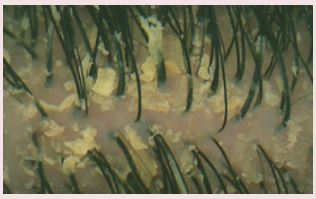
- Hydration
- Barrier Function
- Oiliness
- Hyperpigmentation
- Elastin content
- Collagen content

SCALP CARE INVESTIGATION









- Hair Loss
- Hair density
- Anti-dandruff
- New Hair Growth
- Hair growth
- Scalp build-up
- Hair thickness

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