

SAMBA FACE

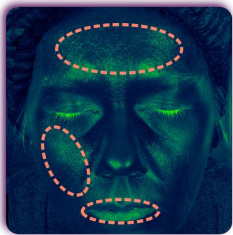
Face-specific gloss
measurement
system



Parallel & Crossed
Polarization Imaging



Personalized
Region of Interest



Adjustable
position



Gloss measurement is essential in quantifying the efficacy of skin care products and decorative cosmetics - lipsticks, make-up, masks, etc. Skin is supposed to show a natural, luminous gloss without appearing oily.



The **SAMBA Face system** has been specifically designed for the measurement of **in-vivo skin gloss** directly on the model body by separating the reflected light from the diffusion light. The system includes our SAMBA polarization camera, a polarized LED ring and an adjustable chinrest.

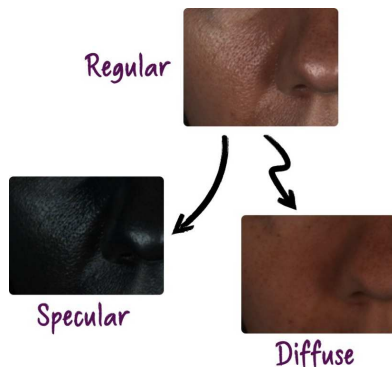
SPECIFICATIONS

VISION	RGB 12-bits depth 1900 x 1900 px ² resolution 166 x 116 mm ² FOV Interchangeable lens (C-mount) Contrast Ratio > 200 5600K Daylight LED Ring
HOLDER	Adjustable chinrest 7 orientations
SOFTWARE	SAMBA Face Software
ACQUISITION	USB 3.0, nominal max. 5 Gbit/s Specular and Diffusion Images Ghost image for repositioning
DATA	Gloss histogram RGB 32 Bits Images Processed Images Excel Export
SYSTEM	Size : 30" x 16"x 22" (76,2 cm x 40,6 cm x 56 cm) 110/200 VAC 50/60 Hz

SAMBA FACE SOFTWARE

Using our own polarization imaging technology the **SAMBA Face** software can reconstruct the specular and diffusion images of your subject skin.

You can save your own Region of Interest (ROI) depending on the area you want to focus your research on, - forehead, lips, cheeks, etc. - and analyse the gloss and quantify its variation with precision.



Using the SAMBA FACE Software, you can easily :

- Acquire your images with a simple study organization system
- Get an extensive analysis on the gloss properties of your volunteer skin
- Compare multiple samples, region of interest or volunteer
- Export all your data including images, graphs and tables