



EOTECH
more for science



Skin
& Face

EvaFACE EvaSKIN

The Standard Skin Scanners
for **in vivo testing**

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High resolution measurement systems
for skin topography and face
topology changes



Method

EvaFACE and EvaSKIN are the core of our 3D imaging solution. It also includes a panelist positioning bench and a dedicated software.

Scanner technology

EvaFACE and EvaSKIN combine fringe projection and stereovision providing high accuracy measurements. Sharing the same body and components, they differ by their field of view.

Positioning bench

The VisioTOP 300 bench allows to position the panelist in a reproducible way for each time point. The integrated EvaSKIN or EvaFACE measures the skin of the face without hindrance, thanks to the bench unique architecture. An easy setting enables high productivity in clinical testing.

Dedicated software

The AEVA software is designed for clinical studies. It guides the user through a step by step acquisition procedure. The set of recorded 3D data of the study (all volunteers at all time points) is analyzed automatically according to preset claims and selected zones of interest. It offers a wide range of skin parameters. Results are given through illustrations and calculated values.

Applications



Microstructures: Microrelief, pores, fine lines



Local: Wrinkles and folds, sagging, lips, eyebag, volume and shape changes, cellulite



Full face: Wrinkles depth and visibility, topology changes, oval, volume and shape changes

Advantages:

- Cost effective solution
- User friendly and minimum setting required
- Dedicated software for automated acquisition & analysis routines

Claims support:

Microstructures:

smoothing, hydration, pores reduction and cleaning

Local:

anti-ageing, anti-wrinkle, fillers, mesotherapy, repulping, draining

Full face:

anti-ageing, anti-wrinkle, reshaping, restructuring, fillers

Technical Data

Configurations

3D Scanner	EvaSKIN	EvaFACE
Microstructures	✓	
Local	✓	✓
Full face		✓

Analysis results



Microstructures:

- Surface roughness statistics
- Pores and fine lines (number, volume, area, depth, circumference)
- Skin features density of pores and microrelief



Local:

- Profile roughness statistics
- Wrinkles and folds statistics (number, volume, area, depth, circumference)
- Skin feature density
- Volume of eye bags, lips, cheek, sagging and eyelids
- Shape changes with pseudo color display



Full face:

- Wrinkles visibility
- Skinview™ and Features Depth Density™ of fine lines, wrinkles and folds
- Volume changes
- 3D section lengths
- Distance and angle measurements

Related products

Positioning bench



VisioTOP 300

Firmness module



DynaSKIN 2

Measurement specifications

3D Scanner	EvaSKIN	EvaFACE
Field of view dimensions (mm)	100 x 80	280 X 180
Measuring depth (mm)	65	160
X, Y resolution (µm)	40	82
Z resolution limit (µm)	5	10
Z feature accuracy (µm)	±9	±15

Technical specifications

Acquisition time	1 second
Camera resolution	2 x 5Mpx
Projection unit	Miniaturized projection technique
Light source	50 W high-power LED white, Cyan filter
Sensor weight	4 kg
Dimensions	W 300 x D 210 x H 175 mm
Power supply	AC 110/230 Volt, 50-60 Hz, 150W
Connection	USB 3.0
Computer configuration	High performance according to latest standards
Operating system	Microsoft Windows 11

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