



EOTECH
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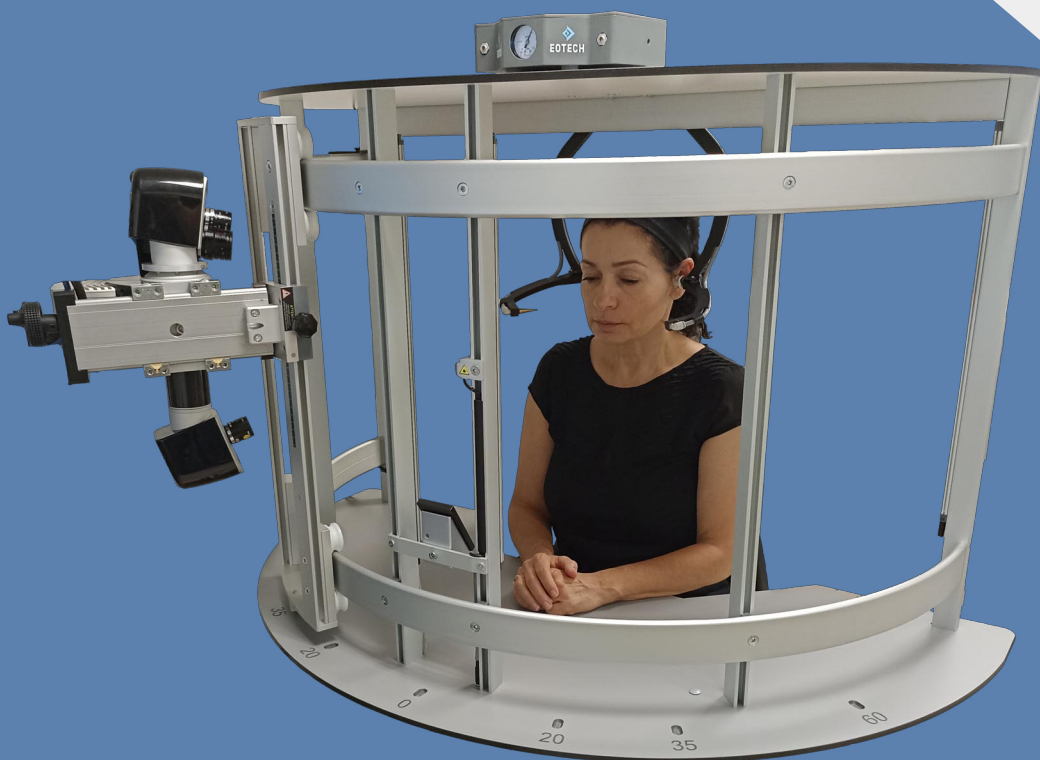


In-vivo

DynaSKIN 2

Repositionable non contact
firmness measurement

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Method

Technology

The DynaSKIN 2 is a non contact skin firmness measurement system. It is based on an air blowing device mounted on a positioning bench, coupled to a 3D scanner for the skin deformation measurement. The air nozzles are targeting the cheeks areas to produce a local deformation on the softest part of the face. Any of our 3D sensors can acquire the 3D data deformation.

Positioning

As the air nozzles are part of the head support device, the deformation always occurs at the same position on the face, ensuring a perfect reproducibility at all time points.

Software

The DynaSKIN module of the Aeva software guides the user through the acquisition routine where 3 scans will be successively recorded : one before the deformation, the next one while air blowing and the last one short after the air blow stops. A specific and automatic analysis of the skin is processed by the AEVA software to quantify the volume, area, depth and shape of the deformation and its remanence.

Applications



Face : It measures the firmness of the cheek and its elasticity through the residual deformation

Fields of use:

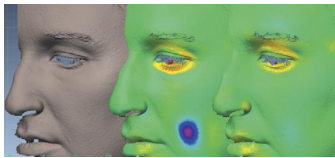
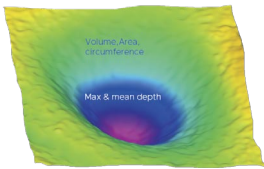
- Firmness
- Elasticity

Advantages :

- High resolution system
- Fast and non contact measurement
- Adaptable to all our positioning benches and face scanners
- Perfect repositionning of the measurement zone

Technical data

Configurations

Components		
Blowing arms	left and right nozzles	
Air flow	1-5 gr	
Controller service pressure (bar)	1,5	
Average deformation depth (mm)	~0.5	

Related products

Positioning devices



VisioHOP



VisioTOP 300/500



EvaFACE/EvaSKIN

3D sensors



AEVA-HE²

Technical specifications

Bench compatibility	VisioTOP/Visio-4D/VisioHOP
Scanner compatibility	EvaSKIN, EvaFACE, DermaTOP-HE ² , AEVA-HE ²
Compressor requirement (not included)	9 liters / 6-9 bars
Software Module DynaSKIN	AEVA V4
Acquisition time	Approx. 10 seconds
Controller weight	1 kg
Dimensions of the controller	W 200 x D 185 x H 75 mm
Controller connection to the PC	USB