

Ageing Evaluation in 3D



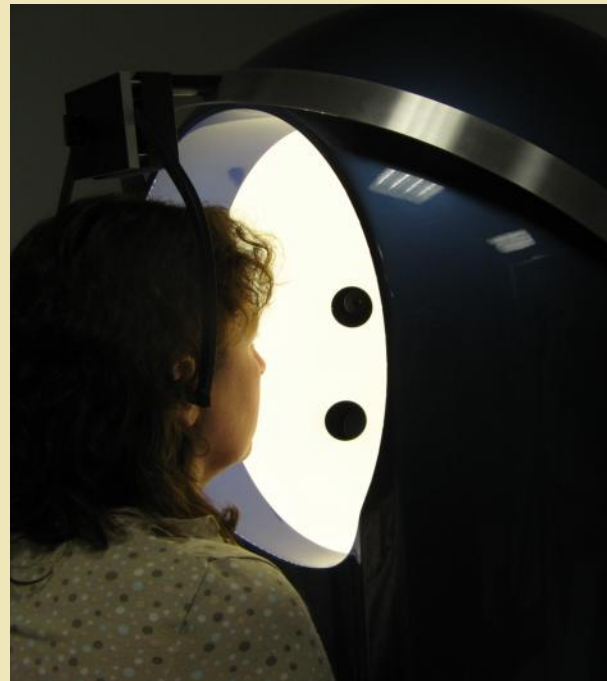
The **VisioSphere^{3D}** system is dedicated for **non contact** measurement of the skin topography to evaluate cosmetics and dermatological products and treatments mainly for anti ageing effect. Based on a patented fringe projection technique using white light combined with imaging, the **VisioSphere^{3D}** system offers a simple turnkey solution for evaluating ageing signs on the face using 3D technology with high resolution camera (2 Mega Pixels).

Powerfull software acquires, processes and evaluates the measurements providing an expert and user interface, making it very simple to use.

Applications :

The **VisioSphere^{3D}** is dedicated to measure ageing signs on the face and report an objective evaluation of dedicated zones where wrinkles, folds and sagging shows up with the age. The unique AEVA software extract automatically those zones and analyse the amplitude of wrinkles , folds and sagging after having remove the local shape.

This process already proven in the cosmetic field uses long experience as well as unique and automatic algorithm to align, extract and analyse the areas of interest.. Advanced routines are available to analyse ageing signs on dedicated regions of the face, like crow's foot and forehead wrinkles, glabella, eyebags, nasogenian and corner lips folds, sagging and oval.



“Fast, Simple and Efficient”



Glabella



Oval, Sagging



Wrinkles, Eye Bag



Nasogenian fold



Lips, Perioral

KEY FEATURES:

- Fast acquisition with reproducible positioning device
- Integrated Illumination system
- Automatic processing of the measurements by aligning in 3D all measurements for the same model
- Self extraction the SOI (surface of interest).
- Powerfull evaluation of the data with statistical output parameters:
 - 2D profile and roughness calculation
 - 3D surface roughness or waviness calculation
 - 3D object detection (wrinkles and folds) and evaluation
 - Volume calculation
 - Surface comparison and deviation statistics
 - Curvatures
 - 2D colour analysis: Ageing spot, rosacea, color, shininess
- OS: Windows 7 professional 64 bits