

Events

In-Cosmetics Paris 2 -4th of April 2019 Stand N° P92



in-cosmetics[®] global
Paris • 2-4 April 2019

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The leading global event for
personal care ingredients

Color Module

Color option for High End scanners:

- ✓ USB-3.0 camera with 9 Mégapixels
- ✓ High resolution Objective f=16 mm
- ✓ Camera flange for fixing
- ✓ Camera calibration with the stereo 3D sensor
- ✓ Texture Mapping software modul
- ✓ LED illumination system for Visio-4D or VisioTOP benches controlled by AEVA software
- ✓ Image mapping capability on 3D data (thermal, multi-spectral, etc..)



Ply models



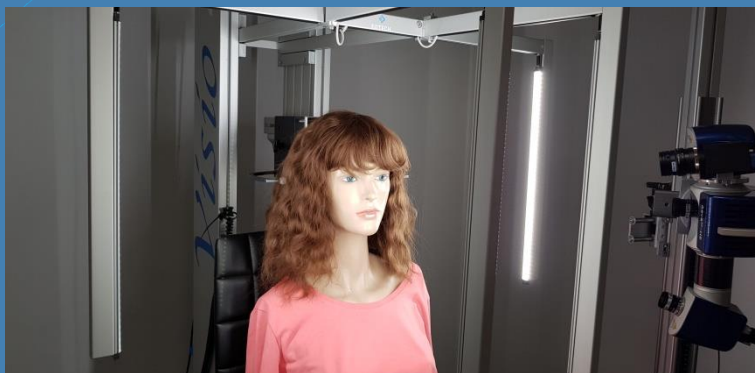
Visio-4D LED Module

LED illumination for Visio-4D bench:

- ✓ 4 led bars with 48 Leds each
- ✓ 4 000 k and $\sim 2\ 000$ lux illumination
- ✓ Retractable setup
- ✓ AEVA software controlled
- ✓ Very reproducible illumination
- ✓ Compatible with our color option module



Retracted

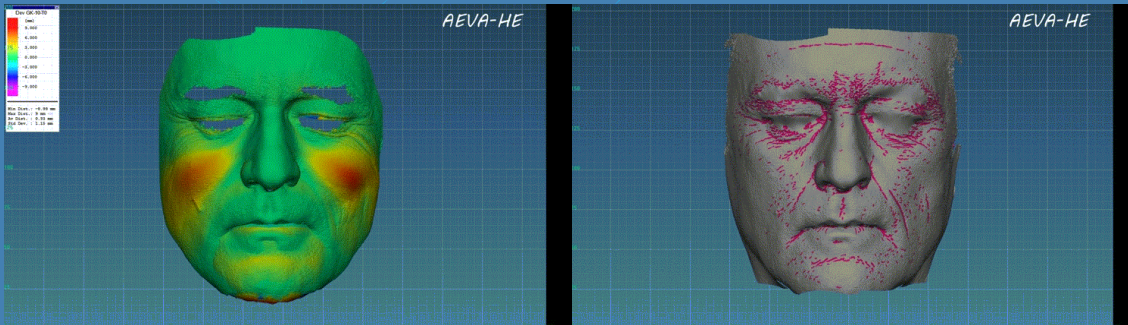


Deployed

4D acquisition & analysis



- ✓ Acquisition from 1 to 3 Hz using all our 3D sensors
- ✓ Video generation
- ✓ Performances close to static mode
- ✓ Extraction of dynamic sequences
- ✓ Evaluation of volume changes
- ✓ Evaluation of features density
- ✓ Extraction and multi zones analysis
- ✓ Fine lines, wrinkles & folds volume changes



Move to the
4TH dimension!

LC-OCT, Line-field Confocal Optical Coherence Tomography,

an optical technique combining the principles of OCT and confocal microscopy

Only available for
research studies in France
at the moment!
Contact us!

LC-OCT vertical, en face images
and 3D volume of healthy skin
on the back of the hand.

SC, stratum corneum layer; SG,
stratum granulosum layer with
stretch nuclei; SS, stratum spinosum
layer with roundish nuclei; CF,
collagen fibers; BV, blood vessels;
KN, nuclei of keratinocytes;
DEJ, dermal-epidermal junction.

A. Dubois, O. Levecq, H. Azimani, D. Siret, A. Barut, M. Suppa, V. Del Marmol, J. Malveyh, E. Cinotti, J.L. Perrot, "Line-field confocal optical coherence tomography for high-resolution non-invasive imaging of skin tumors" *Journal of Biomedical Optics*, vol. 23, 106007 (2018).

