Antera 3D®CS

More power. More performance. More capability.

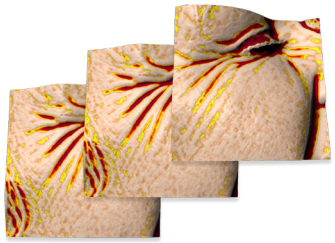
Antera 3.x Software

- New User Interface.
- Enhanced functionalities.
- More powerful analysis.
- Precise, Versatile, Fast.
- Easy to use.

Streamlined Follow-Ups

Fast and customized to your needs

Pick up right where you left off with returning subjects: all your images will be grouped and ordered chronologically, enabling quick and easy visualisation of changes and improvements.



Powerful Data Visualisation & Analysis

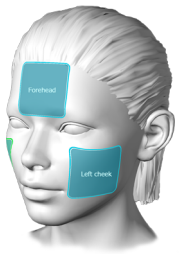
All you need at a glance

View Data, Graphs and Scores at a glance. Customize the Antera software to your needs and open images in any Channel you like (Wrinkles, Pigmentation, Texture, etc.) with one click.

Templates & Sets of images

Seamless acquisition of multiple images

Acquire Sets of Images on the face or the body. Templates will guide you through the acquisition of multiple images in a fast and seamless way, associating each image with a specific area.



Skin Typing and Scores

Advanced Consultation

Turn your Data and Images into a powerful marketing tool. The Antera Scores will help you to clearly communicate products' efficacy and clinical improvement, and the Skin Typing function will help you to determine the skin phototype.

Severe damage.
Main concern: Wrinkles, Redness, and Texture.

Export Data

Make the most of your analysis

Export all of your measurements to CSV with one click. Export Report to PDF. Export 3D Antera images to Wawefront-OBJ. Export Antera images as PNGs.

About Us

Miravex limited is an Irish company specialized in the areas of optics, image analysis and software engineering. The Antera 3D CS is a research-grade system designed to support Cosmetic Manufacturers, Cosmetic Brands, Contract Research Organizations and Universities to substantiate efficacy claims in clinical trials or test cosmetic formulations in internal studies.

miravex

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Antera 3D® CS Software Features

Wrinkles, Folds & Fine Lines

- Wrinkles' average depth (mm)
- Wrinkles' average width (mm)
- Wrinkles' total area (mm^2)
- Wrinkles' score
- Indentation index (a.u.)
- Wrinkles' total volume (mm^3)
- Wrinkles' maximum depth (mm)
- Wrinkles' length (mm)
- Wrinkles' count

Pores

- Pores' total volume (mm^3)
- Pores' index (a.u.)
- Pores' count
- Pores' density (#/cm^2)
- Mean pore volume (mm^3)
- Mean pore area (mm^2)
- Pores' area (mm^2)
- Pores' maximum depth (mm)
- Mean pore depth (mm)

Texture

- Maximum Height R_t (mm)
- Texture score
- Texture - Squared mean roughness R_q (µm)
- Texture - Arithmetical mean roughness R_a (µm)

Volumes (Depressions & Elevations)

- Volume of depressions (mm^3)
- Maximum valley depth, R_v (mm)
- Mean depth (mm)
- Depressions conforming area (mm^2)
- Volume of elevations (mm^3)
- Mean height (mm)
- Maximum peak height, R_p (mm)
- Elevations conforming area (mm^2)

Pigmentation

- Pigmentation average concentration(a.u.)
- Pigmentation uniformity (%)
- Pigmentation score
- Pigmentation Minimum/Maximum
- Pigmentation variation (a.u.)
- Pigmentation hyper-concentration (a.u.)
- Pigmentation hyper-concentration conforming area (mm^2)
- Pigmentation hypo-concentration (a.u.)
- Pigmentation hypo-concentration conforming area (mm^2)

Redness

- Redness average concentration (a.u.)
- Redness uniformity (%)
- Redness score
- Redness Minimum/Maximum
- Redness variation (a.u.)
- Redness hyper-concentration (a.u.)
- Redness hyper-concentration conforming area (mm^2)
- Redness hypo-concentration (a.u.)
- Redness hypo-concentration conforming area (mm^2)

Colour Spaces

- L*a*b*
- L*C*h*
- sRGB

Colour Measurements

- L*a*b* values
- L*a*b* variation - Δ L*, Δ a*, Δ b*
- Overall colour variation Δ (L*a*b*)
- High variation area (a.u.)
- Relative high variation area (%)
- Skin typing - Individual Typology Angle (ITA°)

Before & After Comparison

- Spot-On (automatic selection)
- Manual matching
- Manual adjustment of selected area
- Ability to save selection
- Compare an unlimited number of images*

Report

- Create and save report
- Print report
- Export report to PDF
- Add product recommendations

Data Export

- Export measurements to CSV
- Export 3D Antera image (Wavefront-OBJ)
- Export Antera images as PNGs

Other Features

- Template and Set of Images
- Dynamic protocols
- Double-click automatic saving
- Remote image acquisition
- Option to attach it to the Antera 3D camera stand

RECOMMENDED SYSTEM REQUIREMENTS

- Quad-core processor, 2.5GHz
- 16 Gbytes RAM
- 1 Gbyte hard disk space
- Accelerated graphics card
- Windows 10 or 11 (64 bit)
- macOS 13 (Ventura),14 (Sonoma) or 15 (Sequoia)

*The maximum number of images that can be open depends on the computer memory.

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