

# Antera 3D®

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.



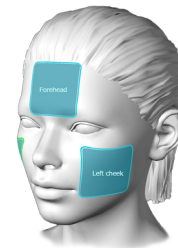
## Powerful Data Visualisation & Analysis All you need at a glance

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.



## 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 Wavfront-Obj. Save Antera images as JPEGs.



## 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.



## Contact Miravex

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# Antera 3D<sup>®</sup> CS Software Features

## Wrinkles, Folds & Fine Lines

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- Wrinkles' average depth (mm)
- Wrinkles' average width (mm)
- Wrinkles' score
- Indentation index (a.u.)
- Wrinkles' maximum depth (mm)
- Wrinkles' length (mm)

## Pores

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

## Texture

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

## Volumes (Depressions & Elevations)

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- Volume of depressions (mm<sup>3</sup>)
- Maximum valley depth,  $R_v$  (mm)
- Depressions conforming area (mm<sup>2</sup>)
- Volume of elevations (mm<sup>3</sup>)
- Maximum peak height,  $R_p$  (mm)
- Elevations conforming area (mm<sup>2</sup>)

## Pigmentation

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- 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<sup>2</sup>)
- Pigmentation hypo-concentration (a.u.)
- Pigmentation hypo-concentration conforming area (mm<sup>2</sup>)

## Redness

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- 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<sup>2</sup>)
- Redness hypo-concentration (a.u.)
- Redness hypo-concentration conforming area (mm<sup>2</sup>)

## Colour Spaces

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

## Colour Measurements

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

## Before & After Comparison

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

## Report

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

## Data Export

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

## Other Features

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- Template and Set of Images
- Dynamic protocols
- Double-click automatic saving
- Remote image acquisition
- Option to attach camera to a tripod

## RECOMMENDED SYSTEM REQUIREMENTS

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- Quad-core processor, 2.5GHz
- 16 Gbytes RAM
- 1 Gbyte hard disk space
- Accelerated graphics card
- Windows 10 or later (64 bit)

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