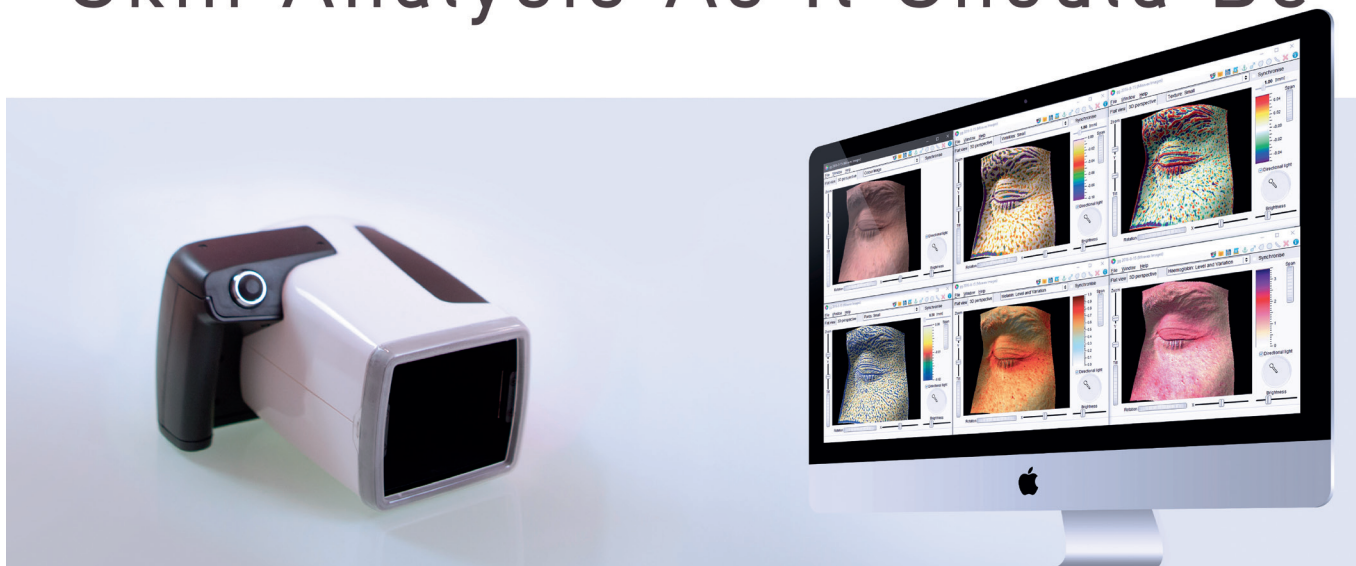


MIRAVEX LIMITED

Antera 3D[®] CS

Skin Analysis As It Should Be



MIRAVEX LIMITED HAS RE-INVENTED SKIN ANALYSIS WITH ITS GROUND BREAKING ANTERA 3D CAMERA. A SPIN-OFF COMPANY FROM TRINITY COLLEGE UNIVERSITY IN DUBLIN, IRELAND, MIRAVEX' PATENTED TECHNOLOGY IS ROOTED IN YEARS OF R&D CARRIED OUT IN THE SCHOOL OF PHYSICS. THE COMPANY'S ETHOS AND COMMITMENT TO CONSTANTLY IMPROVE ITS PRODUCTS, HAS RESULTED IN THE ACCEPTANCE OF THE ANTERA 3D AS A REFERENCE SYSTEM IN THE COSMETICS AND AESTHETIC MEDICINE MARKETS IN EUROPE, ASIA AND NORTH AMERICA.

The global growth of the beauty and cosmetics industry continues at an ever-growing pace, with new players entering the arena, innovative products being introduced and a diversification of distribution channels. As competition gets fiercer and customers become ever more demanding, Cosmetics manufacturers and Cosmetic Brands are always on the lookout for the latest technologies to employ in their laboratories, as well as new ways of marketing their products.

The Antera 3D CS offers a unique opportunity to bridge these two separate worlds – R&D and Marketing – in a unique and effective way. Thanks to its accuracy, versatility and speed, the Antera 3D CS has established itself as a reference system in Cosmetics R&D. Furthermore, contrary to most competing devices, the Antera 3D CS does not output dry data only, but compelling images of the skin, and marketing executives of cosmetic companies were quick to latch on to this unique feature

allowing them to use material generated by the R&D department as advertising material. Clear images coupled with quantitative evidence provide invaluable communication with customers and make for a very powerful and compelling marketing tool.

The Antera 3D CS is a versatile, accurate research-grade instrument ideal for Cosmetics manufacturers, Contract Research Organizations and Universities carrying out clinical trials and efficacy studies. Versatile and rich in features, the Antera 3D CS is the only camera that allows you to accurately measuring wrinkles, texture, pores, scars, skin colour, redness and pigmentation in a seamless way. It gives you a full overview of the skin at a click of a button, allowing you to visualise at a glance and quantify a wealth of parameters related to skin condition.

The Antera 3D is based on a unique operating principle, which sets it apart from its competitors. The multi-directional illumination using 7 different

wavelengths allows for a real 3D surface reconstruction of the skin texture, as well as a precise spectral analysis of melanin and haemoglobin in the epidermis and dermis. Each image acquired with the Antera 3D contains all data about skin topography, spectral data and colorimetric values.

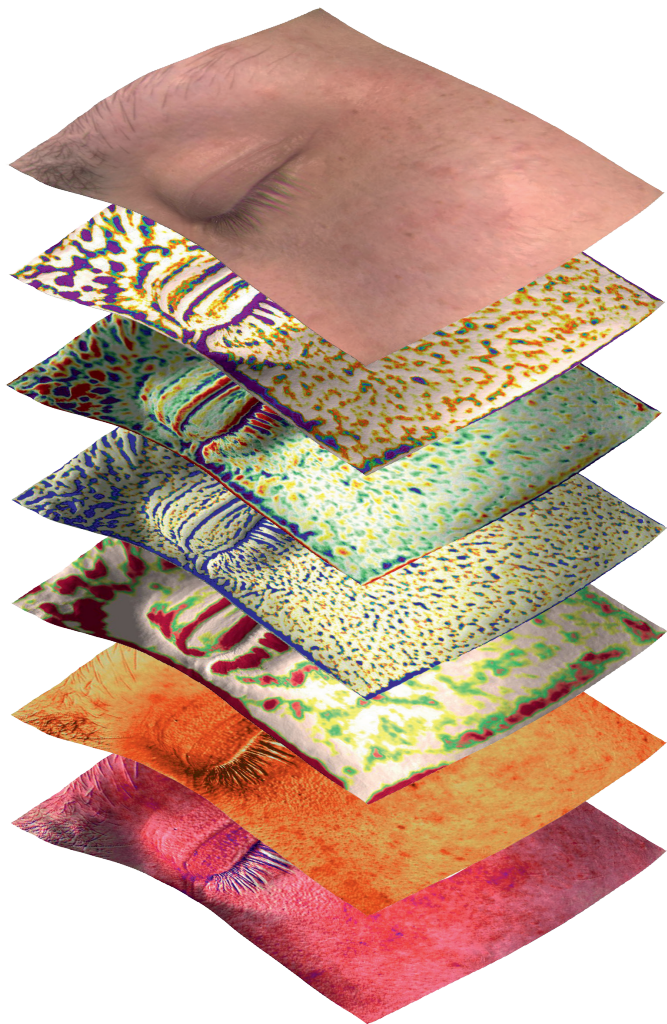


Figure 1. Schematics representation of Topographic and Spectral channels imaged by the Antera 3D CS. Colour, Wrinkles, Texture, Pores, Volumes, Melanin and Haemoglobin.

The Antera 3D CS employs Spot-On, a sophisticated software algorithm that ensures the matching of regions of interest between images that are shifted or rotated relatively to each other. Therefore, no stereotactic device is needed. Just Point and Shoot.

Thanks to Spot-On, its real-time acquisition time and no need for image post-processing, the Antera 3D CS offers a high image throughput and reduces enormously the time required to collect data in clinical trials.

With the Antera software, you may compare a virtually unlimited number of images, and easily generate graphs to compare skin parameters over time, or seamlessly export tables of data in a format compatible with Excel spreadsheets.



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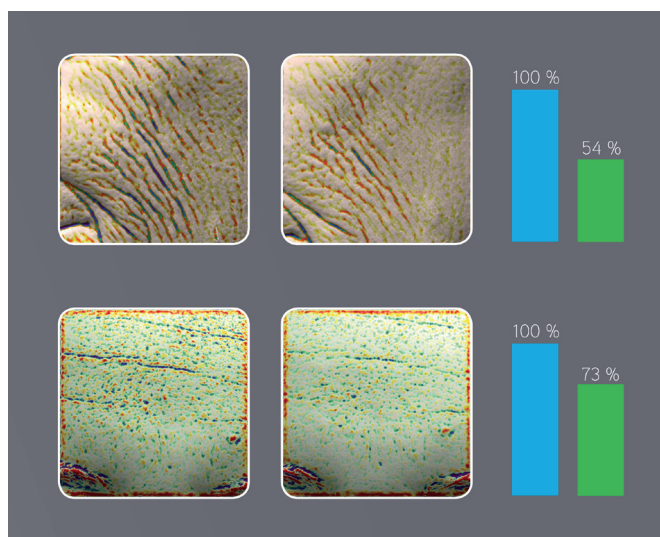


Figure 2 shows the comparison of wrinkles on the cheek (above) and texture of the forehead (below), highlighting an improvement of 46% and 27%, respectively.

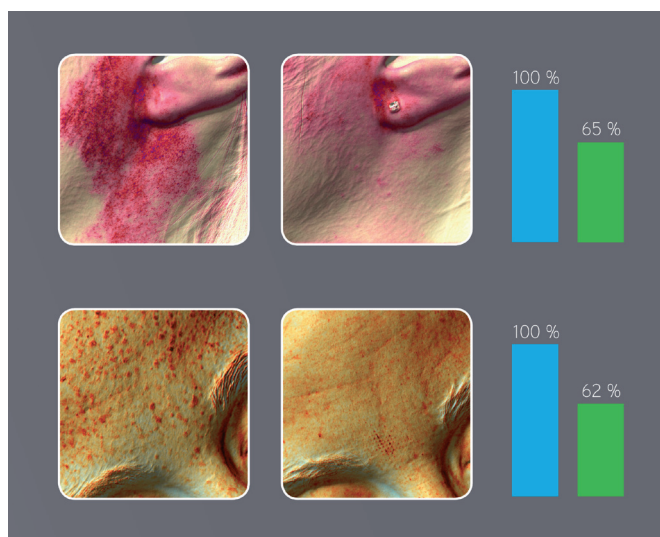


Figure 3 shows the comparison of haemoglobin on the neck (above) and melanin of the forehead (below), highlighting an improvement of 35% and 38%, respectively.






<p>Accuracy and repeatability</p>  <p>The Antera 3D offers high standards of measurement accuracy and repeatability, as well as a high specificity in resolving melanin from haemoglobin.</p>	<p>Fast acquisition</p>  <p>No set up time required plus a fast acquisition time means high image acquisition throughput.</p>	<p>Easy analysis</p>  <p>Analysis of results is simple, quick and easy to interpret thanks to graphics-oriented Reports.</p>
<p>No lengthy training</p> <p>1 h</p> <p>Because the camera is so easy to use and the software so intuitive, training can be kept to a minimum.</p>	<p>Easy to use</p>  <p>No more lengthy arrangements to line up measuring instruments and subjects. No need for a stereotactic device: just point and shoot.</p>	<p>Keep a record of your work</p>  <p>Keep a record of your treatments by generating patients' reports. Store them as printouts or portable electronic documents.</p>

Figure 4 shows some of the main features of the Antera 3D CS.

The Antera 3D CS has been validated in the field by many of the world leading Cosmetics manufactures, Laboratories and Universities, and has been successfully undergone scrutiny in many peer reviewed publications. Its accuracy, versatility, speed, ease of use and independence on lighting conditions are some of the main factors that have decreed its success as a first-class research instrument in the most varied clinical trials.



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