

Antera 3D[®] Camera stand

Where precision meets performance



Antera 3D Camera stand

The Antera 3D camera stand has been designed to offer a high level of control of imaging conditions and reduces differences between images due to acquisition by different operators. The camera stand provides better repeatability and reproducibility while maintaining the speed and ease of use of handheld acquisition.

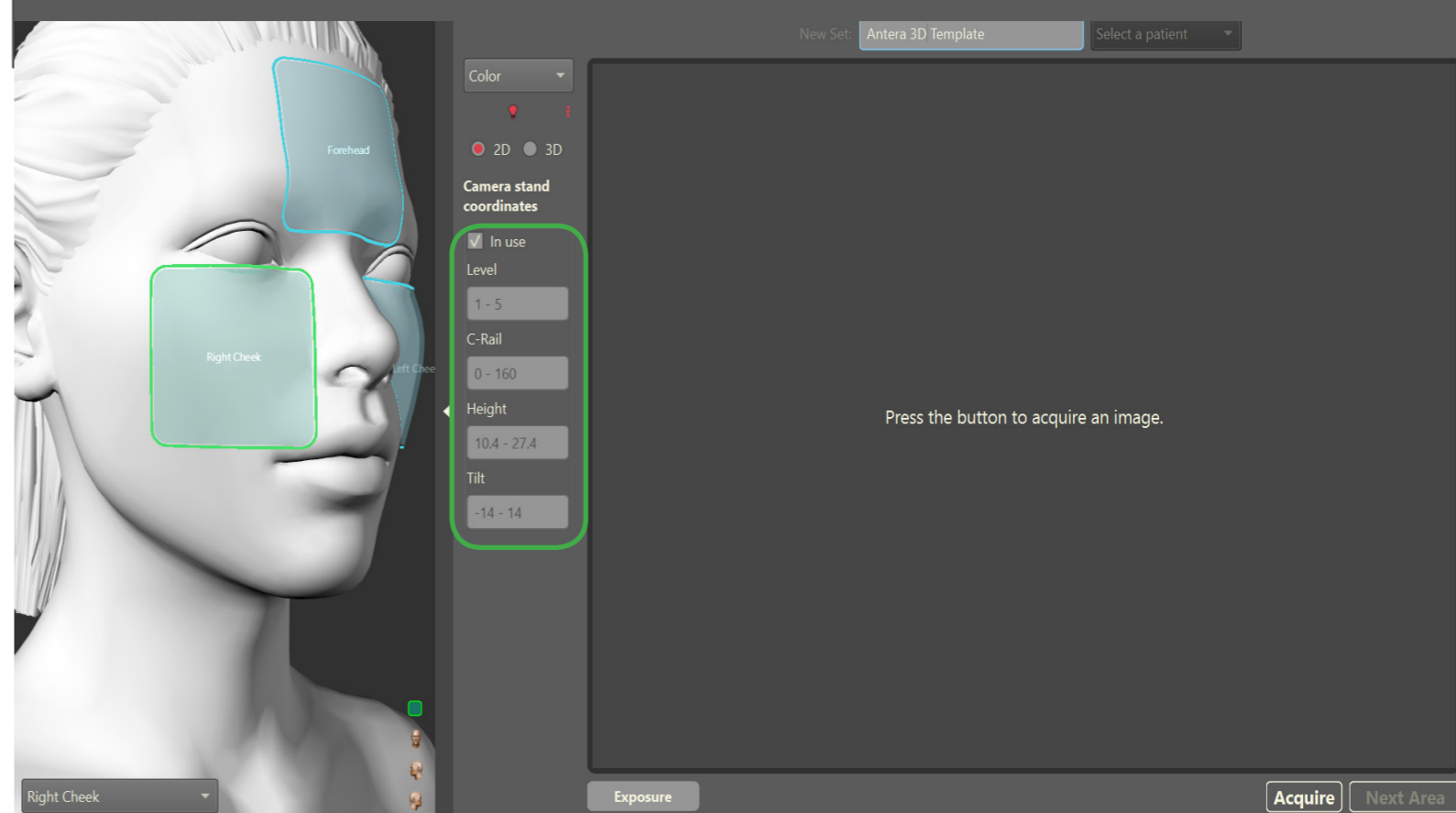
Positioning

- Efficient positioning of the subject's head using the chin rest and forehead bumpers.
- Adjustable aluminium tubes support the subject's head, with 5 levels that can be selected to accommodate different head sizes.
- The position of the camera is set using 4 precise adjustment features:
 - Z-scale to set the height.
 - C-Rail for rotating the camera around the subject's head.
 - Goniometer to tilt the camera so it lies flush with the subject's skin.
 - Straight rail to move the camera closer to or further from the subject's face.
- The camera stand can be placed on a desk and secured with the clamps provided.

Software integration

- Seamless integration with the Antera 3D software.
- Z-scale, C-rail, goniometer and Level coordinates recorded before baseline image acquisition.
- Coordinates prompted by software when a Follow-Up image is acquired.
- Images acquired via keyboard – no physical interaction with the camera necessary.

Integration of the camera stand with the Antera 3D software expedites the acquisition of Follow-Up images and ensures consistent positioning of the camera.



Repeatability

The camera stand provides better repeatability and reproducibility than handheld acquisition by offering a high level of control over the imaging conditions:

- Reduced interaction of the operator with the subject – images are acquired using a keyboard.
- Ability to fix the subject's head position.
- Ability to set the angles between the camera and the subject's face.
- Ability to precisely re-position the camera.

Reproducibility

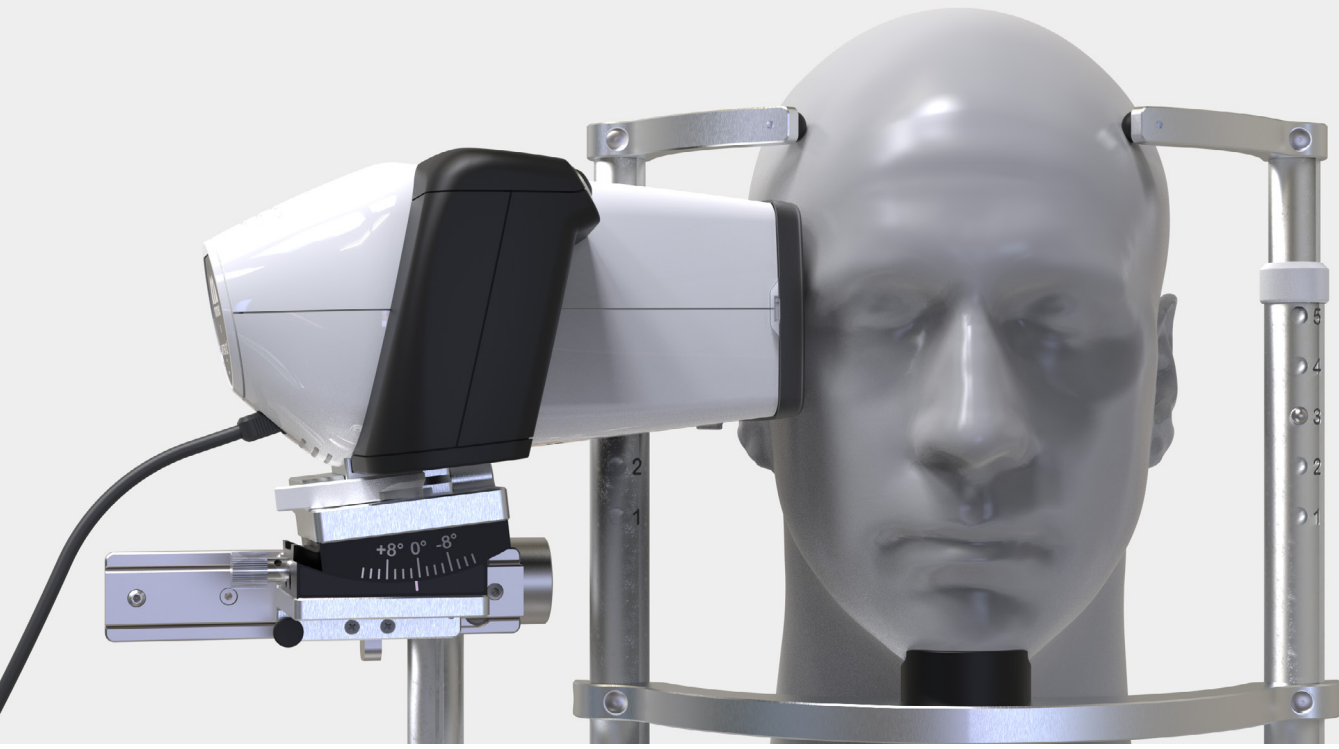
The Antera 3D camera and camera stand create an imaging system that is operator-independent and improves the measurements' reproducibility.

- Images acquired via keyboard – no physical interaction with the camera.
- Repeatable positioning of the subject's head.
- Full control of the camera position – horizontal, vertical and tilt.

Built to last

- Built to withstand the rigours of daily use in clinical settings.
- High quality components for day-in day-out use.
- Designed to be easily assembled and disassembled.
- Custom-designed packaging makes it easy to transport.

Please be aware that the camera requires a USB cable connection to the computer to function. When acquiring images using the camera stand, the camera has to be placed in gentle contact with the skin, just as with handheld acquisition.



Camera stand specifications

Z-scale range: Height range from 10.4 cm to 27.4 cm (4.09 inches to 10.79 inches). Adjustable aluminium tubes support the subject's head, with 5 levels that can be selected to accommodate different head sizes.

Straight rail range: 6 cm (2.36 inches).

C-rail range: revolve the camera around the face from 0 to 180 degrees.

Tilt range: +/- 14 degrees tilt via goniometer to optimise the angle of contact between the camera and the skin.

Base size: 42.5 cm (16.73 inches) width.

Material: Constructed from high quality aluminium and stainless steel for durability and stability.

Weight Capacity: Maximum weight capacity of 1.0 kg (2.20 lbs).

Gross Weight: 15 kg (33 lbs).

Net Weight: 9.2 kg (20.28 lbs).

Dimensions: The outer dimensions of the box are 56 cm x 49 cm x 26 cm (22.05 inches x 19.29 inches x 10.24 inches).

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.



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