

FaceSCAN³

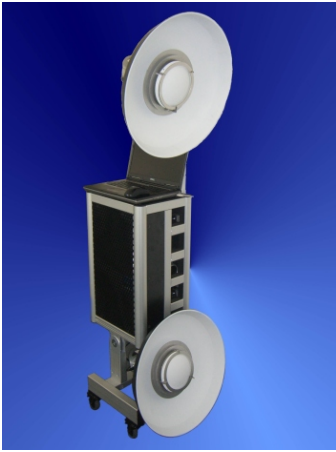
3D Orthodontic Face Scanner



CE 0494



Scanning Technology



FaceSCAN³ enables the measurement of the entire frontal face from ear to ear by a single shot technology using optical projection combined with an arrangement of 3 mirrors. The spherical view field is about 300mm in diameter while the acquisition time is less than 800 milliseconds. The face texture is rendered onto the surface using high quality digital camera images.

The easy, fast and user-friendly method allows to perform useful cephalometric measurements in a handy manner. In combination with 3D virtual models, in specific cases the technique also can be used alternatively to Xray examinations.

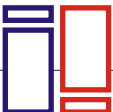
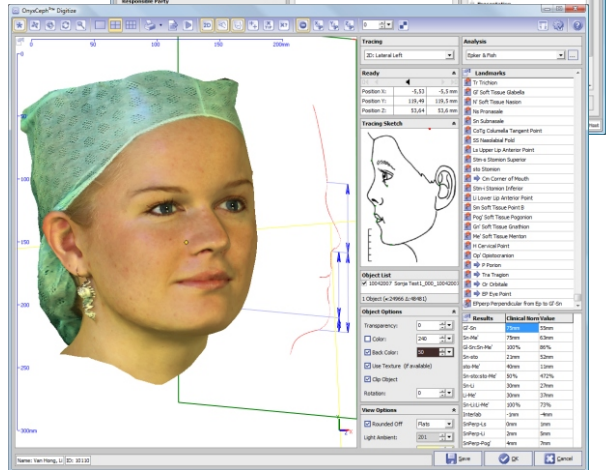
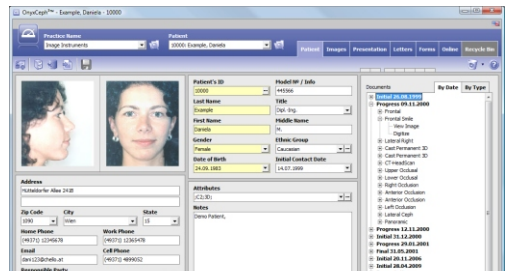
Ask for technical information and prices at the exhibition booth or contact Image Instruments directly.

Application Software

With OnyxCeph³™, you can easily load, archive, manage, and diagnostically analyze your facial scans in the exact same manner it is possible with 2D diagnostic images but also on other 3D data like virtual models or conebeam CT records. You can apply any of the pre-installed 2D analyses for frontal or profile view but also 3D analyses which use multiple projection planes for the result calculation.

The optimized import interface allows to import, to arrange and to align the textured face scans. Cephalometric landmarks can be placed directly on the virtual surface or freely using a multiplanar view.

Modules for 3D soft tissue prediction, treatment planning and virtual dental setup are under development and will be provided by regular updates.



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