ORA
PHOTOGRAMMETRY

PHOTOGRAMMETRY
MEASURING
SYSTEM

WE DON'T SCAN.
WE MEASURE.

True measurement for full-arch passive fit. Four synchronised industrial cameras read coded markers and triangulate the true 3D position of every implant.



PRECISION
0.005 mm, in full-arch.

COMPLEX CASES
Multi-angle capture, not line-of-sight dependent.

PASSIVE FIT
Implant positions measured, not estimated.

15,000 CLINICAL CASES.
100% PASSIVE FIT.

Figures as stated by the manufacturer.

CAPTURE.
TRIANGULATE.
EXPORT.

WHAT IS ORA?

ORA is a four-camera photogrammetry measuring system. Multiple cameras capture coded markers and triangulate their 3D coordinates, so every implant position is measured directly for full-arch passive fit.



- 0.005 mm precision
- 4 synchronised cameras
- 48+ implant systems
- XML or STL export

WHAT DOES IT SOLVE?

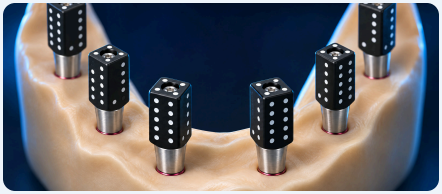
- ✕ Errors that accumulate across long spans
- ✕ Digital impressions that only handle routine cases reliably
- ✕ Misfit: screw loosening, fractures, implant overload
- ✕ Remakes, extra chair time and treatment cost

WHY IT'S BETTER

- ✓ 4 synchronised industrial cameras, high resolution and high frequency
- ✓ Multi-surface (5-face) coded marker for spatial referencing
- ✓ Multi-camera, multi-surface targets with cross-verification
- ✓ Vertical scan bodies, easy to place

HOW ORA WORKS.

From coded scan bodies to implant positions in your CAD software, in one fully digital step.



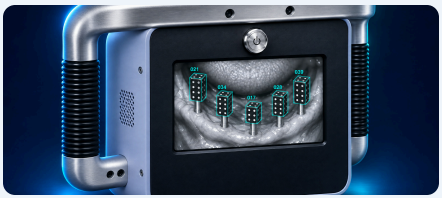
1 PLACE SCAN BODIES

Vertical coded scan bodies go onto the implants, easy to place even in the posterior.



2 CAPTURE THE ARCH

Four synchronised cameras capture the coded markers from multiple angles and triangulate them.



3 OPERATE ON THE DEVICE

The integrated touch screen runs the capture at the chair; anti-jitter keeps it steady.



4 EXPORT AND DESIGN

Implant positions as XML or STL, into CAD software such as Exocad or 3Shape.

BUILT FOR COMPLEX FULL-ARCH CASES

- Limited mouth opening
- Blood, saliva and reflection
- Limited posterior access

ORA · AT A GLANCE

Cameras	Four, synchronised, industrial
Precision	0.005 mm, in full-arch
Scan body	4-site coded, code number above 43
Compatibility	48+ implant systems
Export	XML or STL implant position files
Calibration	Ceramic-coated calibration set
Power	110 to 260 V, 50/60 Hz, 30 W

15,000 CASES, ZERO FAILURE

Figures as stated by the manufacturer.

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WHY CHOOSE ORA?



Passive fit needs extreme accuracy across long spans. ORA measures it, even in the cases digital impressions find hardest.

GUARANTEED PASSIVE FIT
Four synchronised industrial cameras and multi-surface encoded targets with cross-verification.

EASE IN COMPLEX CASES
Flexible multi-angle capture, with minimal sensitivity to limited mouth opening, blood, saliva and reflection.

OPEN TO YOUR WORKFLOW
48+ implant systems. Implant positions as XML or STL for the CAD software you already use.

FULLY DIGITAL, FULLY TRACEABLE
A recordable, traceable workflow from CBCT to final restoration, for reproducibility and quality control.

BOOK AN ORA DEMO

See ORA measure a full arch, from scan bodies to the exported implant positions.

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