

DENTAL PHOTOGRAMMETRY

Comparison Chart

FEATURE	ICAM	MICRON MAPPER	PIC	TUPEL	AORALSCAN ELITE	GRAMMETRY /IOS
Guaranteed Passivity	✓	✗	✗	✗	✗	✗
Years in Clinic	12	2	15	1	<1	2
True Photogrammetry	✓	✗	✗	✗	✗	✗
Number of cameras	4	2	2	2	2	1
Moving cameras	✓	✗	✗	✗	✗	✗
Calibration	✓	✗	✗	✗	✓	✓
Sub-5 Micron Precision*	✓	✗	✗	✗	✗	✗
Operator Independent	✓	✗	✗	✗	✗	✗
Long-Term Durability	High	Moderate	Moderate	Moderate	Unverified	Low
Max Warranty	3 yrs	1 yr	1 yr	1 yr	1 yr	30 Days
24-hour support	✓	✗	✗	✗	✗	✗
Emergency Replacement Service	✓	✗	✗	✗	✗	✗
Created by Leading Expert	✓	✗	✗	✗	✗	✗
Trusted by Major DSOs	✓	✗	✗	✗	✗	✗
Vertical Scanbody Design	✓	✗	✗	✓	✗	✗
Titanium Scanbodies	✓	✓	✗	✗	✓	✗
Scanbodies Verifiable via X-Ray	✓	Unknown	Unknown	Unknown	✓	✗
Body heat impact on Scanbodies**	Minimal	Significant	Significant	Significant	Significant	Significant
Ease of Scanbody Placement	Excellent	Moderate to Poor	Poor	Moderate to Poor	Poor	Poor
Accommodates Mandibular Flexure	✓	✗	✗	✗	✗	✗
Patient Experience	Excellent	Moderate to Poor	Moderate to Poor	Moderate to Poor	Poor	Poor
Ease of Capturing Complex Cases (pterygoids, zygomas, high angulation)	Excellent	Poor	Poor	Poor	Poor	Poor

*Required for full-arch based on six-sigma analysis

**Scanbody expansion was evaluated through computational testing based on size, physical characteristics, and material. PEEK expansion validated as significant. Scan QR code for study details.



Numerical values for expansion in the mouth:

Minimal: Under 5 microns

Significant: +10 microns

IMETRIC