

The all-new 7Series incorporates the proven and trusted technological foundation of its predecessor with significant ergonomic and functional advances resulting in important improvements in productivity and efficiency. Engineered for reliability and the production demands of high throughput operations, the 7Series is equipped with Blue Laser Illumination and offers remarkable versatility, speed and accuracy. A powerful onboard computer with Solid State Drive ensures responsive operation of all DWOS® applications.



Capabilities and features

- **High scanning accuracy:** latest generation Blue Laser Illumination system combined with our proven high-precision mechanical and optical components guarantees consistent, repeatable high precision scans.
- **Design of a wide range of restorations:** from simple copings to complex full arch implant cases.
- **Expandable libraries:** delivered with a large array of preset tooth anatomies, attachments, and material files, and the option of creating or importing new ones.
- **Automatic multi-die mode:** up to 30 elements scanned and designed in 13 minutes, unattended.
- **Certified workflows** by Straumann (CARES® plug-in), 3M ESPE (Lava™ Milling Centers) and Dentsply Implants (ATLANTIS™).

Scanning volume	140 mm x 140 mm x 140 mm
Optical technology	Class 1 laser product
	2 high-speed measuring cameras
	1 color video camera
Number of axes	5 (3 rotative, 2 translative)
Embedded computer & OS	Core i7, 8 GB memory
	2 GB of dedicated RAM graphic card
	Windows 7, 64 bits, 500 GB SSD
Accuracy ¹	15 microns
Output format	STL & supported partner formats
Scannable materials	Plaster, wax-up and impression materials
Electrical data	100-240 V AC / 50-60 Hz / 230 W
Certifications	CE, OHSA, Canada (SCC)
Screen ports	DVI, HDMI & VGA

	Crated	Uncrated
Dimensions (W X D X H)	60 cm x 65 cm x 79 cm 23.5" x 25.5" x 31"	38 cm x 38 cm x 48 cm 15" x 15" x 19"
Weight	35.5 kg / 78 lbs	19 kg / 42 lbs

Software packages

7SERIES PRODUCTIVITY is configured to allow laboratories all sizes to access a high capacity CAD/CAM system at an affordable price. As a scan and design workhorse, the 7Series Productivity package allows labs to reach new levels of production output with the reliability and performance of a premium system.

7SERIES SYNERGY includes our industry leading implant planning software coDiagnostiX together with the complete suite of DWOS® CAD applications. It is the ultimate integrated digital solution for producing everything from bite splints to complex full arch implant cases. DWOS® Synergy is Dental Wings' groundbreaking application for collaborative prosthetic driven implant planning.

	SYNERGY package	PRODUCTIVITY package
Software applications	Crown & Bridge	•
	Implant Prosthetics	•
	Partial Frameworks	•
	Full Dentures	•
	Model Builder	•
	Bite Splints	•
	Orthodontic Archiving	•
	Rapid Prototyping	•
	Guided Surgery	•
	Accessories²	Model holder
Impression holder		•
Multi-die holder (30 slots)		•
Calibration plate		•
SAM® articulator		•

¹ Based on Dental Wings' testing standards.

² Functional accessories only. Monitor, keyboard and mouse are not included (except for certain distributors).