



The all-new 3Series is a compact 3D scanner embedded with a powerful computer and offered in flexible DWOS® CAD configurations. Designed to evolve with the growing needs of laboratories, the 3Series is an economical solution to which additional DWOS® applications can be added at any time.

## 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
- **Extensive scanning capabilities:** scans gypsum models, wax-ups, check bites, implant scan bodies and dental impressions for post and core cases.
- **Design of a wide range of restorations:** pre-installed with the DWOS CnB application allows for the design of copings and bridge frameworks, telescopic crowns, single customized abutments, full contour bridges inlays/onlays, veneers, over-pressed crowns and bridges and more.
- **Design Wizards:** streamlined design paths allow for the creation of full contour crowns and single customized abutments in just a few clicks.
- **Flexible design capabilities:** add additional DWOS® CAD applications as needed.
- **Automatic multi-die mode:** up to 12 elements scanned and designed in 10 minutes, unattended.
- **Extensive Anatomy Libraries:** delivered with large array of preset tooth anatomies as well as the options to create custom libraries and prosthesis material types.
- **Manufacturing integration:** integrated with a large array of equipment and processes including 5 axis milling, 3D printing and selective laser melting.
- **Integrated communication** between clinics, labs and production centers through DWOS® Connect.
- **Certified workflows** by Straumann (CARES® plug-in), 3M ESPE (Lava™ Milling Centers) and Dentsply Implants (ATLANTIS™).

Scanning volume	90 mm x 90 mm x 90 mm
Optical technology	Class 1 laser product 1 high-speed measuring camera 1 color video camera
Number of axes	3 (2 rotative, 1 translative)
Embedded computer & OS	Core i5, 8 GB memory 1GB of dedicated RAM graphic card Windows 7, 64 bits, 250 GB SSD
Accuracy <sup>1</sup>	15 microns
Output format	STL & supported partner formats
Scannable materials	Plaster, wax-up and impression materials (for post cores)
Electrical data	100-240 V AC / 50-60 Hz / 160 W
Certifications	CE, OHSA, Canada (SCC)
Screen ports	DVI, HDMI & VGA

	Crated	Uncrated
Dimensions (W x D x H)	45 cm x 54 cm x 69 cm 18" x 21" x 27"	34 cm x 40 cm x 45 cm 13" x 16" x 18"
Weight	23 kg / 51 lbs <sup>2</sup>	14 kg / 31 lbs

	Included	Optional	
Software applications	Crown & Bridge	•	
	Implant Prosthetics		•
	Partial Frameworks		•
	Full Dentures		•
	Model Builder		•
	Bite Splints		•
	Orthodontic Archiving		•
	Rapid Prototyping		•
Accessories <sup>3</sup>	Guided Surgery		•
	Model holder	•	
	Impression add-on		•
	Multi-die holder (12 slots)	•	
	Calibration plate	•	
	SAM® articulator		•
Axis finder holder		•	

<sup>1</sup> Based on Dental Wings' testing standards.

<sup>2</sup> To be confirmed.

<sup>3</sup> Functional accessories only. Monitor, keyboard and mouse are not included (except for certain distributors).