

## 3SERIES by dental wings

The all-new CARES® 3Series is a compact 3D scanner embedded with a powerful computer and offered with Straumann® CARES® Visual Software. 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 precision:** 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:** from simple copings to complex full arch implant cases.
- **Design Wizards:** streamlined design paths allow for the creation of crowns and single customized abutments in just a few clicks.
- **Flexible design capabilities:** add additional modules as necessary.
- **Automatic multi-die mode:** up to 12 elements scanned in 10 minutes, unattended.
- **Expandable libraries:** delivered with a large array of preset tooth anatomies, attachments, and material files, and the option of creating or importing new ones.
- **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.

|                        |   |  |
|------------------------|---|--|
| Scanning volume        | 90 mm x 90 mm x 90 mm   |  |
| Optical technology     | Class 1 laser product   |  |
|                        | 1 high-speed measuring camera<br>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<br>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                                     |  |
| Screen ports           | DVI, HDMI & VGA   |  |
|                        | Crated  | Uncrated                                 |
| Dimensions (W x D x H) | 45 cm x 54 cm x 69 cm<br>18" x 21" x 27"                            | 34 cm x 40 cm x 45 cm<br>13" x 16" x 18" |
| Weight                 | 23 kg / 51 lbs  | 14 kg / 31 lbs                           |

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

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