cs.NEO

Remarkable results
—
stunningly simple

CS.NEO
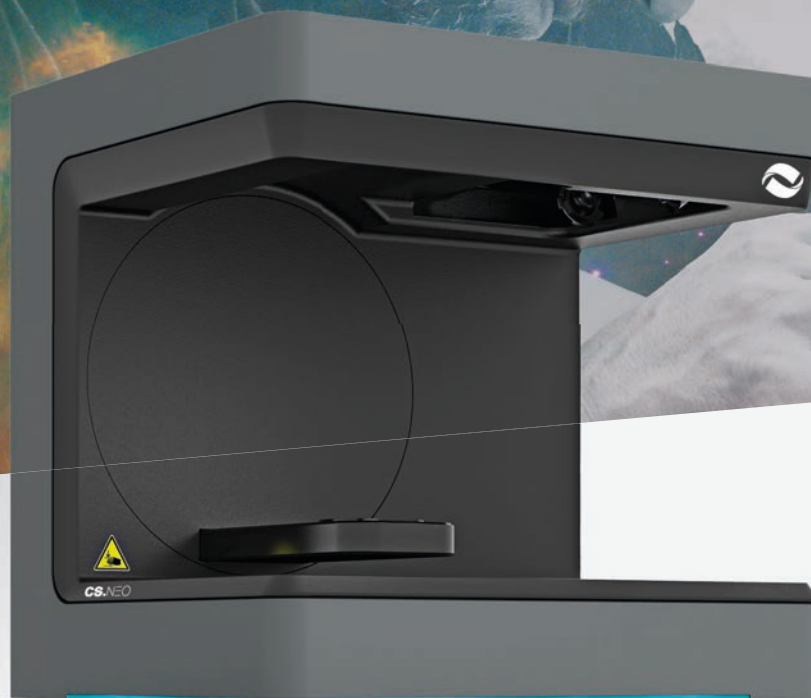
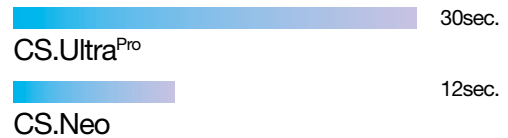CADstar

Boost

your efficiency — save 60% scanning time

12 seconds full arch / 16 seconds 9 dies (multi-die)

The new Integrated Pattern Generation Technology generates and processes the projected patterns directly in the optical head to achieve unrivaled scanning speed and makes the scanning process up to 60% faster.

CS.Ultra^{Pro} 30sec.

CS.Neo   12sec.

Data you can trust!

0.09	
0.08	
0.07	**5 µm accuracy**
0.06	
0.05	
0.04	**2 µm repeatability**
0.03	
0.02	
0.01	

- 0.01
- 0.02   **ISO** ISO 12836
- 0.03
- 0.04
- 0.05   CADstar uses approved ISO standards for
- 0.06   measuring and documenting the accuracy
- 0.07   of all scanners. On top of that, the scanners
- 0.08   are stress-tested in CADstar's dental pro-
- 0.09   duction facility to achieve a perfect fit of all restoration types.

technical data

Height: 380 cm	Weight: 12 kg	Language: multilingual	Measurement volume: 120x60x60 mm
Width: 395 cm	Cameras: 2x 2Mpx	Connection type: USB 3.0	Acquisition type: TRU color information
Depth: 335 cm	Scan system: 2-Axis	Power supply: 100-240V / 50-60 Hz	Acquisition technology: structured white light
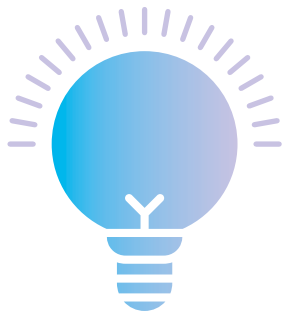
Optical Status Indicator

The OSI visually informs the user about the scanners current operating status.

Smart operating

3D Mouse and Touch Screen Ready Navigation.

High resolution

HR scan data with sharper edges and cleaner details.

Reliable results

Provided by a high precise glass calibration body and a calibration control system. Environmental sensors are giving feedback to the user when it's time for a recalibration.

A tool to increase productivity

Speed up your daily work by reducing scanning steps with the quarter tray adapter.

White LED light source

To obtain as much scan data as possible, CS.Neo uses the full spectrum of light.

TRU color

Hand-drawn color markings on the model are neatly and sharply captured, and prepared in Exocad for the design process. This function is especially helpful for the digital manufacturing of partial frameworks.

As you like it

You can choose out of 3 colors to get a perfect fit into your laboratory environment.

* Classic
* Manhattan Grey
* All Black

Digitization has never been so easy

Smart integration

Manual or automatic rescan function to gain even more scan data from hard to capture areas.

AutoUpdate function

Get all new software updates automatically.

Online help

You got stuck? Get quick answers directly out of the scan application.

Guided workflow function

for hassle-free scanning and expert mode with more options and customizable scan strategies for advanced users.

AutoSave & ReUse raw data

Stop and Restart your work whenever you like. Don't start from scratch when you change your project during the scan.

Click-less workflow

Click-less workflow with full automatic alignment and automated work steps.
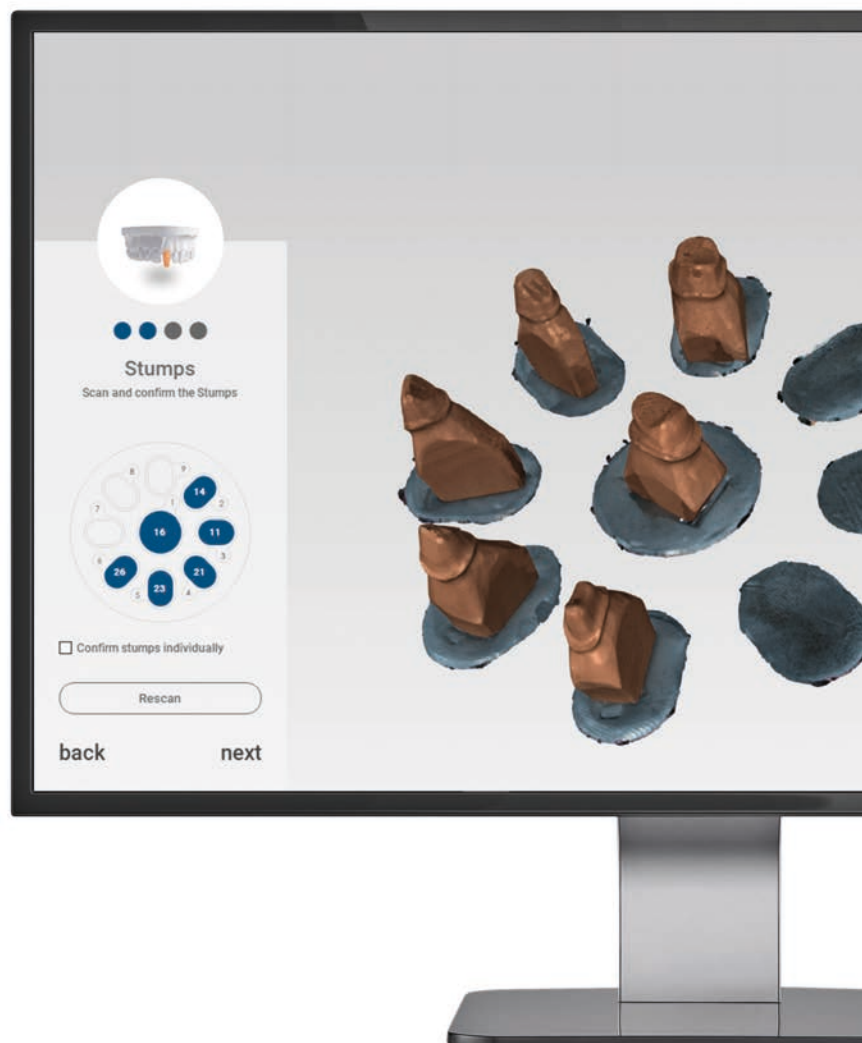
Seamless workflow

integration with Exocad and other 3rd party CAD applications.

Multicore data processing

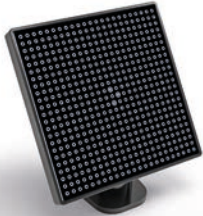Unleash the full potential of your workstation to reduce processing time.

Manually export

Manually export any scan data in all open file formats.

Stumps
Scan and confirm the Stumps

Confirm stumps individually

Rescan

back   next

STL   OBJ   PLY

Accessories

for more comfort and efficiency

Calibration body

The calibration body is part of the CS.Neo recalibration system and allows recalibration of the system after vibrations or varying environmental conditions.

Arti-Base

The open construction of the CS.Neo also enables the user to completely digitalise all common articulators with the aid of the Arti Base. The scanner automatically captures the entire vestibular area of the articulated models, and there is no annoying fixing of the upper and lower jaw.

Multi Die Adapter

The Multi Die Adapter enables simultaneous capturing of up to 9 stumps with just one scan. This practical accessory means that the necessary scan time can be reduced and the economic efficiency of your device can be increased further.

Quarter Tray Adapter

With the Quarter Tray Adapter, partial models of upper and lower jaws, and up to four stumps, can be scanned simultaneously, which significantly increases the productivity of the scanning system. In just two scanning steps, the occlusion and subsequently the neighbouring teeth and stumps are captured.

Model holder with screw

The model holder of the CS.Neo keeps models at an ideal distance from the scanner and can also be upgraded with the model fixator.

Model holder with blu tack

The model holder with blu tack is a simple alternative where models can be fixed on its reusable adhesive.

Split Cast Adapter

With the aid of the optional Split Case Adapter, bite registrations from common articulators can be transferred to the software automatically, correctly and with no loss of precision. We recommend this accessory above all for users of the following Exocad modules: Virtual Articulator, Splint Module.

Adapters are compatible with:

• Artex / Adesso
• Bioart A7
• Denar Mark2
• KaVo Protar
• Quicksplit
• SAM

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