CS.NEO PRO

Impressive versatility

—

for professional users

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^Pro   12sec.

Data you can trust!

| 0.09 |
| 0.08 |
| 0.07 |
| 0.06 |
| 0.05 |
| 0.04 |
| 0.03 |
| 0.02 |
| 0.01 |
| - 0.01 |
| - 0.02 |
| - 0.03 |
| - 0.04 |
| - 0.05 |
| - 0.06 |
| - 0.07 |
| - 0.08 |
| - 0.09 |

5 µm accuracy

2 µm repeatability

ISO   **ISO 12836**

CADstar uses approved ISO standards for measuring and documenting the accuracy of all scanners. On top of that, the scanners are stress-tested in CADstar's dental production facility to achieve a perfect fit of all restoration types.
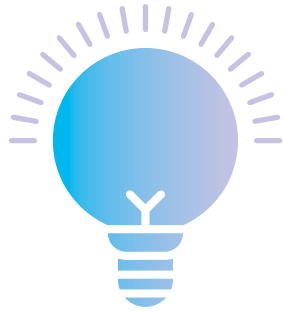
technical data

Height: 380 mm	Weight: 12 kg	Language: multilingual	Measurament volume: 120x60x60 mm
Width: 395 mm	Cameras: 2x 2Mpx	Connection type: USB 3.0	Acquisition type: TRU color information
Depth: 335 mm	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.
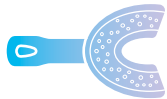
Deep acquisition strategies

Ability to look deeper into impressions or narrow areas, using our new PCT® technique and adapted scan strategies.

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.

Automated impression axis

Thanks to the attachable 3rd Axis, you are able to scan double-sided or single tray impressions fully automatically.

White LED light source

To obtain as much scan data as possible, CS.Neo^Pro 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.

Automated impression workflow

Scan Triple Tray impressions in one step to speed up your workflow and increase the productivity in your lab.

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.

Manually export

Manually export any scan data in all open file formats.
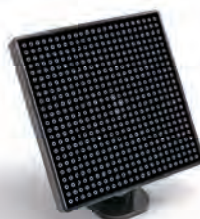
STL OBJ PLY

Accessories

included

Arti-Base

The open construction of the CS.Neo^Pro 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.

Calibration body

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

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.

Model holder with screw

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

optional

Model fixator

Compatible with any model holder, model fixator provides a firm and reliable occlusion; fast and easy to use, can be applied on any case and will ensure a clear view of the buccal teeth profile.

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.

Automated impression axis

This attachable 3rd Axis with clip is able to mount single tray or triple tray impressions. Double sided impressions will be scanned on both sides during the acquisition process to capture upper jaw, lower jaw and the bite situation automatically.

Model holder with blu tack

The model holder with blu tack can be included as default as well. It is an alternative to model holder with screw.

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

ITALY (int. sales)

Corso di porta vigentina 35
I-20122 Milano

AUSTRIA

Sparkassenstraße 4
5500 Bischofshofen

GERMANY

Unsöldstraße 2
80538 Munich

Tel. +43 (0) 6462 / 32 880
Fax +43 (0) 6462 / 60 11 11

office@cadstar.dental
www.cadstar.dental

CADstar