

 CS.Neo2

**EASY**  
EXCELLENCE

3D-SCANNERS  
MILLING  
PROSTHETIC PARTS  
ORTHODONTICS

Q2

# Groundbreaking innovation

incredibly easy to use



[www.cadstar.dental](http://www.cadstar.dental)

 **CADstar**

# Digitalization has never been so easy!

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It arrived. The second generation  
of our most successful product.

Better,  
stronger and  
faster

than ever before!

# History of evolution

2006

Introduction of CAD/CAM into the company structure



2015

Launch of 1<sup>st</sup> Dentalscanner „CS.Ultra“



2019

Launch of 2<sup>nd</sup> Dentalscanner „CS.Neo“



2017

Launch of the 2<sup>nd</sup> generation „CS.Ultra Pro“

2023

Launch of the 2<sup>nd</sup> generation „CS.Neo2“



## Let's talk tech

- \* HxWxD: 396x405x337 mm
- \* Weight: ~12 kg
- \* Scan system: 2-3 axis
- \* Language: Multilingual
- \* Scantype: BW/Color
- \* Technology: structured white light
- \* Connection type: USB 3.0
- \* Guarantee: 2 years

## available accessories

- \* Arti Base
- \* Calibration body
- \* Multi-Die adapter
- \* Modelholder (with screw or Blu-Tac)
- \* Model fixator
- \* Quarter Tray adapter
- \* Automated impression axis
- \* Split Cast adapters

# <30 sec.

## for digitalization of a 3 element bridge?

Sure - no problem and we'll add one on top. For the whole workflow you only need 1-Click.

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Competitors 300 Sek.  
CS.Neo2<sup>Max</sup> < 30 Sek.



Ø Human hair

100 µm

CS.Neo2 accuracy

up to 5 µm

# 48 Mpx

per shot and everything in crystal clear quality!

Tested and certified, because we won't leave the result to chance!



### We think further

Due to the wall-flush design, our scanner can easily and seamlessly be integrated into any laboratory. No broken cables, no unnecessary waste of space.

100% compatibility with exocad

## open system

Export data: 3Shape, Gamma, OnyxCeph, STL, PLY

technical support

## free of charge

free from annoying license fees/service contracts

Manufacturing

## made in Austria

> 90% of components from Europe



CS.Neo2 Max

## Work smarter, not harder.

Don't scan your work no longer step by step. Use the new dual-scan technology and complete the following tasks in just one step.

Upper- and lower jaw

Gingiva (UJ+ LJ)

Implants (UJ+ LJ)

Neighbour teeth (UJ+ LJ)

up to 28 stumps

**Precision is just an auxiliary expression.**

Per scan position our scanner captures and processes more than 140 million image points.

140.000.000 image points/position

**Calculation above the speed of light.**

In less than a second our scanner is doing more than 1 billion calculations.

1.000.000.000 calculations/sec.

# Our best scanner, so that your magnificent work will get even greater.



DEEP VIEW

## **4 eyes that really see EVERYTHING.**

Deep View is a quad-cam scanning technique to have a deeper look into interdental areas.

- \* rescanning not necessary any more
- \* True Color (RGB color cameras)
- \* CS.Neo2 Pro / CS.Neo2 Max



BEAST MODE

## **Now is the time to unleash the beast.**

The automatic GPU detection in our scanning application will get the very best out of your scanner.

- \* 60% increase in performance
- \* super realistic scan results
- \* all CS.Neo2 models



AUTO OCCLUSION

## **1 step with 1.000 benefits.**

Take advantage of perfect occlusion with less effort for your scanned objects.

- \* Articulator scan not necessary any more
- \* ability to save several types of articulators
- \* CS.Neo2 Pro / CS.Neo2 Max



ID DETECTION

## **Less is more, today more than ever.**

Thanks to the automatic accessory recognition handling the scanner is more comfortable than ever before.

- \* 50% less interaction with the scanner
- \* Less-Click Workflow (autostart)
- \* CS.Neo2 Pro / CS.Neo2 Max

# Yes, we scan!

our new models in comparison



**CS.Neo2**



**CS.Neo2 Pro**



**CS.Neo2 Max**



**No**  
Auto Occlusion



**Yes**  
Auto Occlusion



**Yes**  
Auto Occlusion



**No**  
ID Detection



**Yes**  
ID Detection



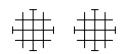
**Yes**  
ID Detection



**No**  
Deep View



**Yes**  
Deep View



**Yes**  
Deep View



**1**  
Model capacity



**1**  
Model capacity



**2**  
Model capacity



**12 Sek.**  
Scantime per model\*



**10 Sek.**  
Scantime per model\*



**5 Sek.**  
Scantime per model\*



**2**  
Cameras (black/white)



**4**  
Cameras (Color RGB)



**8**  
Cameras (Color RGB)



**12 Mpx**  
Resolution cameras



**24 Mpx**  
Resolution cameras



**48 Mpx**  
Resolution cameras

# Compare us

You'll see it's worth it

	2 <sup>nd</sup> generation <b>CS.Neo</b>	Scanner 1	Scanner 2	Scanner 3	Scanner 4
open system / STL, PLY (exocad compatible)	✓				
made in Austria	✓				
5 sec. for full arch scan	✓				
< 30 sec. for 3 element bridge	✓				
5 µm accuracy	✓				
up to 8 color-cameras (48 Mpx)	✓				
scan up to 2 models simultaneously	✓				
scan up to 28 stumps simultaneously	✓				
capacity for whole articulator	✓				
Deep View	✓				
Beast Mode	✓				
Auto Occlusion	✓				
ID Detection	✓				
no royalties	✓				
no maintenance fees	✓				
2 year guarantee (expandable up to 4 years)	✓				
free support (during guarantee period)	✓				
free training (CADstar Academy)	✓				
express repair or replacement within 48h	✓				