Technical Specifications

Measurement field (X × Y × Z) mm
80 × 60 × 85
5MP Camera
4 µm Accuracy according to ISO 12836
Sensor technology
Stripe light triangulation
Blue-light LED
Monochrome texture scan
Colour texture scan
Touchscreen
Fully automated Z-axis
Articulator scan
Multi die scan
TwinTray scan
TripleTray scan
Impression scan

**Recommended computer specifications
ALS 2 and Aadva Scan:**

Windows 10 or 11 64-bit
i7 4.7 GHz
32 GB RAM
USB 3.0 Port
100 – 250 GB SSD
Graphics card with 6 GB RAM

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Since 1921
100 years of Quality in Dental

Smile for the World

Simplicity
Accuracy
Productivity

Aadva™

ALS 2
from GC

Aadva Lab Scanner with
the Unique Intuitive Scanflows,
Hybrid Scan and Smart Occlusion

Introducing simple and unique workflows with GC's Aadva Lab Scanner 2

The combination of unique scan features with robust scanning hardware will help you simplify your work routine.

Hybrid Scan - no more die prepping!

With a single click, this feature **automatically** combines the impression and the gypsum models, this speeds up your workflow by reducing the model prepping time.
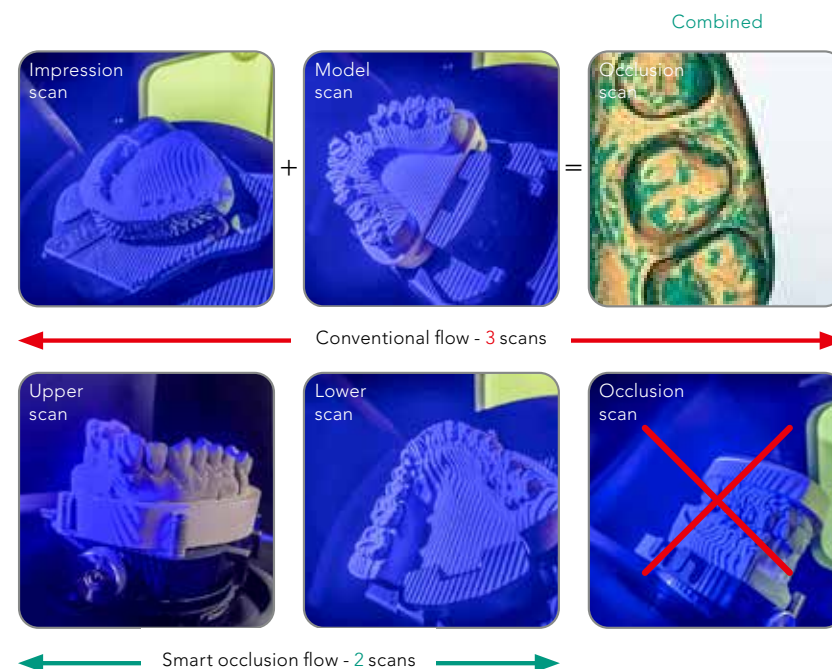
Additionally, it **improves** accuracy and **enhances** the details of your master digital model.

Smart Occlusion - no more bite scan!

With a single click, this unique software guides your digital models **automatically into occlusion**, this speeds up your workflow

On top, it improves **accuracy and** enhances the **predictability** of your bite registration by preventing the occlusal intersections.

Hybrid Scan and Smart Occlusion are licensed features of GC's Aadva Lab Scanner 2

Combined

Impression scan	Model scan	Occlusion scan

Conventional flow - 3 scans

Upper scan	Lower scan	Occlusion scan

Smart occlusion flow - 2 scans

Aadva ALS 2 scan flow vs conventional scan flow -
reducing the number of scans thus increasing your productivity.

Aadva scan flow

Impression scan › Model scan › Antagonist scan

Conventional scan flow

Model scan › Die Scan › ... › Antagonist scan › Bite Scan

Full colour

Texture scanning
High contrast
and resolution

Speed and quality

Automated Z-axis
and touch screen

Full HD 5 MP camera

Striped light
triangulation,
blue-light LED

Constant accuracy

4 µm accuracy
according to **ISO 12836**

Full exocad integration

and open STL export

exocad

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