open technologies
Optical 3D Scanner

Scan your way. Choose the **NeWay**

OneWay CATALOGUE
3D DENTAL SCANNER

neWay

- Higher scanning speed
- Flexible and easy to use
- Accurate
- Straightforward process
- Automatic alignment
- No orientation restrictions of the object inside the scanner
- Simultaneous design and scanning
- Simultaneous scanning and mesh generation
- Project saved automatically and continuously
- Expert Mode
- Periodic calibration control
- Constant automatic and free updates
- Open file formats
- Integration with main CAD software
- Customizable software and scanning parameters
- Online Wiki Manual
- Structured light technology
- Mouse 3D ready
- 24-months extension of warranty

A NEW CONCEPT

New shapes that reflect this new concept; designed to embody flexibility and care for detail. Embraces the unconventional to improve your every-day-routine adapting to all your needs.

CUSTOMIZABLE

Open at its core, for structure and functions, it is highly customizable and proves to be the best scanning solution for any kind of restorations.
No boundaries or restrictions, be free to scan your way.

USER FRIENDLY

NeWay and ScanWay are built for you. Easy and intuitive to use scanning procedures and item positioning together with the range of provided accessories will make your job smooth and worryless.
With its incresed speed and the fact that the meshes are generated during scanning, NeWay will make your job faster than ever.

3D SOLUTIONS

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partner **exocad**

Scanner Accuracy

The **NeWay** scanner introduces a new High-Accuracy scan technology; thanks to the *Reference Rim* object, accuracy and repeatability significantly increase making NeWay the best choice for complex work such as implant bars or full arch restorations.

The **ISO 12836** is specifically designed for dental application; it simulates the case of a cavity for an inlay and a four-unit bridge over two dies.

The **VDI / VDE 2634** is the most known certification for optical scanner for industrial use and uses standard "ball bars".

Working Strategies

ScanWay is an intuitive and user friendly scanning software; a few steps and the user can be immediately productive.

Fast and accurate, NeWay is the complete solution for the user who needs to work on different kinds of projects. From implants to provisionals, from articulators to quadrants, NeWay has a dedicated module for each specific project.

Discover how Open Technologies' NeWay can make the difference in your lab's daily workflow.
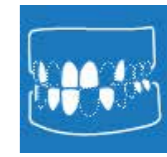
MODEL	ORTHO	IMPRESSION

ARTICULATOR	WAXUP	PROVISIONAL

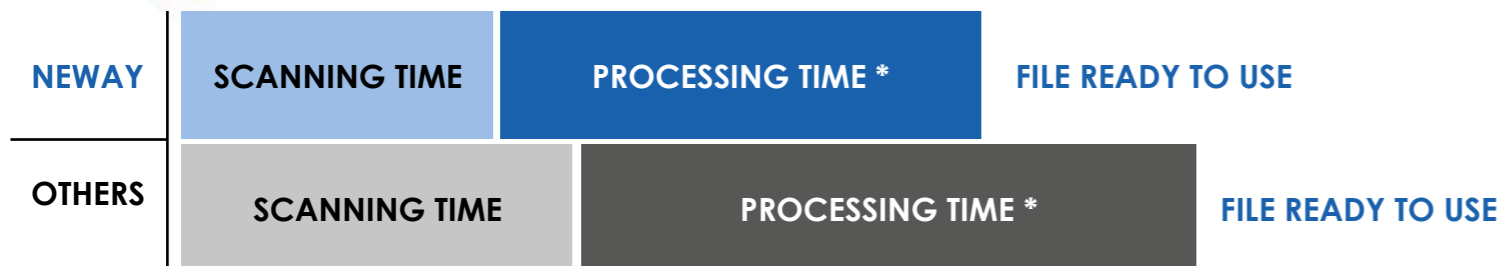| QUADRANT	DIE	ABUTMENT	IMPLANT	HEALTHY	BITE	PONTIC

Scanning Time

-50% TIME

Thanks to a more flexible and optimized guided procedure, the scanning projects timing has been considerably reduced.

NEWAY	SCANNING TIME	PROCESSING TIME *	FILE READY TO USE
OTHERS	SCANNING TIME	PROCESSING TIME *	FILE READY TO USE

* PROCESSING TIME
{ DATA EDITING
ALIGNMENTS
MESH GENERATION
IMPLANT LIBRARY ALIGNMENT
MESH EDITING

partner **exocad**

Concept Quad Module

Dynamic Articulation Module

The *Scan Way dynamic articulation module* allows the user to transfer the mastication position realized in the laboratory with a real articulator into its Exocad virtual equivalent.

This step is carried out using some dedicated mounting plates that allow to obtain a simulation of the dynamic articulation that accurately reflects the real one.

- Artex
- Protarevo
- Sam
- Adesso
- A7
- Denar

This module allows to define a project to scan quadrant-type models in just 2 steps
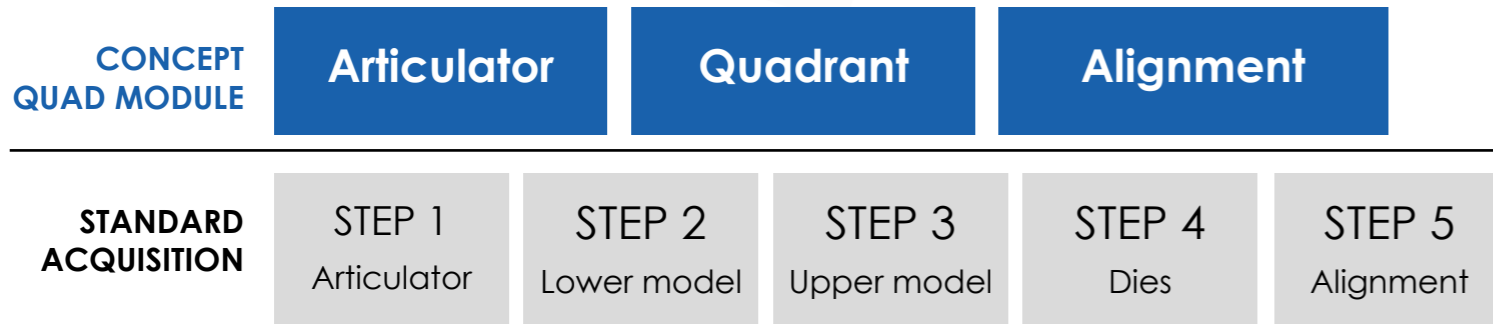
EASY-TO-USE
The dedicated model holder allows to easily place all the components in the scanner.

COMPLETE WORKFLOW
The step-by-step procedure guides the user through the acquisition and the automatic alignment.

big time
SAVER

CONCEPT QUAD MODULE	Articulator		Quadrant		Alignment	
STANDARD ACQUISITION	STEP 1 Articulator	STEP 2 Lower model	STEP 3 Upper model	STEP 4 Dies	STEP 5 Alignment	

DENAR   ADESSO   SAM   A7

ARTEX   **TEST OBJECT**   PROTAREVO

partner **exocad**

NEWAY - Technical Specifications

SCANNING SYSTEM

5-Axis Scanning System *	✓
Power Supply	110/220 V 50/60 Hz
Input – Output File Format	STL, OBJ, OFF, PLY
Accuracy (μm)	5 (ISO 12836 certification)
Repeatability (μm)	2 (ISO 12836 certification)
Resolution (μm)	5
Scanning Time (Full Arch)	around 14 sec
Scanner Dimensions (cm)	50 x 61 x 54
Weight (Kg)	18
Interface	USB 3
Cameras	2 with color

* 3 Optical axis and 2 mechanical axis

WORKING STRATEGIES

Guided Mode	✓
Expert Mode	✓
Models/Dies Scanning	✓
Implants Scanning and Positioning	✓
Impression Scanning (with Model Base Design)	✓
MultiDie 9 Elements Strategy	✓
Removable Frameworks Strategy	✓
Orthodontics Strategy (with Model Base Design)	✓
Articulator Scanning	✓
Dynamic Articulation Module	OPTIONAL
Concept Quad Module	OPTIONAL

ADVANCED SPECIFICATIONS

GPU Processing	✓
Indexed Positioning System	✓
Direct Positioning System	✓
Periodic Calibration Control	✓
Recalibration System	✓
Colour Scan	✓
Mouse 3D	✓
Reference Rim	✓

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