

Factsheet

Elos Medtech is a renowned development and production partner that manufactures dental components for most of the leading dental implant companies. Our Elos Accurate® portfolio includes patented designs for: Analog for Printed Models, Scan Bodies, Hybrid Bases (Ti-bases), and Pre-Milled Blanks. All of our products comply with the FDA, MDR, and NMPA (Class I) requirements for medical devices.

Elos Accurate® — Pioneer of open digital workflow solutions

A truly open digital workflow allows you to make all the right choices to carry out your work in the best way possible.

Most dental workflows lock you into a closed system that only allows you to select from among a specified group of compatible products. This makes the workflow complex and costly, while restricting your freedom of choice.

Openness and flexible solutions are better for business. Working with open digital workflow products gives you the freedom to work with other major dental implant systems as well.

Elos Accurate® Portfolio

Elos Accurate® Library



Elos Accurate® Library is an open digital implant library that contains all relevant components and CAD/CAM parts for 3shape, exocad and Dental Wings software. It simplifies the design of your dental implant solutions that live up to the patient's expectations.



Elos Accurate® Scan Body

Elos Accurate® Scan Body is the key to enter the digital workflow. It is a high-precision tool designed to be placed in the patient's mouth during intraoral scanning or on a plaster model at the laboratory. It comes in 2 versions:

- A two-piece PEEK body
- A one-piece Titanium body (ScanBody22)

Both feature exceptional accuracy and fit. The scan bodies are compatible with major implant systems, come with a universal screwdriver, and are suitable for multi-use. They are designed for predictable results you can trust.

Elos Accurate® Hybrid Base (Ti-bases)



Elos Accurate® Hybrid Base (Ti-base), is both FDA cleared and MDR approved. It was designed from scratch taking human biology and material characteristics into account. Rather than having sharp angles or compromising the thickness of the zirconia crown, Elos Medtech carefully examined the implant with respect to soft tissue management and pioneered a new anatomical design. The Hybrid Base has been adapted as the authentic solution for some of the leading implant companies.

Elos Accurate® Prosthetic Screws



Elos Accurate® Prosthetic Screws are manufactured from high-strength biocompatible titanium alloy (TiAl6V4ELI) and feature a precision seating that corresponds to the original implant connection interface. They are available for all major implant systems on the market and come in coated or uncoated versions, depending on the particular implant system. Elos MediCarb™ and MediGold™ coatings offer outstanding mechanical properties combined with maximum biological safety and surface technologies that make them the optimal candidates for future, low-friction abutment screws.

Elos Accurate® Analog for Printed Models (PMA)



Elos Accurate® Analog for Printed Models (PMA) are patented and specifically designed for high accuracy in models made with 3D printers. With our model analog, you can rest assured that — due to the one-position feature — there is no risk of misplacement in the model. Can be torqued up to 40 Ncm on the model.

Elos Accurate® Pre-Milled Blank



The Elos Accurate® Pre-Milled Blank is FDA cleared. It enables dental labs and clinics to produce customized abutments in-house with greater consistency and ease, achieve faster turnaround times and increase revenue - all while meeting regulatory requirements.

ADVANTAGES OF ELOS ACCURATE®

- ▶ Complete and open for the major implant platforms
- ▶ Digital workflow solutions for all implant indications
- ▶ Made for in-house or outsourced production

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Elos Accurate® ScanBody22™ Amazingly Accurate

KEY FEATURES AND ADVANTAGES



Scan bodies together with the dental library play the leading role in obtaining consistently high precision results. In short, the Elos Accurate® ScanBody22™ leads the way into accurate, seamless digital dentistry.



X-ray visibility.



Amazing accuracy due to the AccuScan® surface which opens up to high resolution scanning.



Consistency – you are ensured high precision results when the scan body is handled correctly (finger-tightening only)

One-piece scanning device in titanium. Titanium offers high tensile strength and excellent corrosion resistance. Furthermore, it is unaffected by temperature fluctuations.



Autoclavable up to 100 times. And it still looks the same when cleaning again and again (autoclavable only. No ultra-sonic cleaning).

Round 'window' with an embedded screw for easy cleaning.



Each scan body is laser-marked with a LOT number and UDI marking for easy identification and regulatory traceability.

Compatible with existing libraries (excluding Nobel CC).



One-tool concept - the driver SBD-M-1 - simplifies the usage to save you valuable time in the clinic and reduce the risk of error (max torque is 5Ncm).

ScanBody22 and the Digital SMART Flow

With the ScanBody22 you expand your business opportunities even further with seamless, digital dentistry. It is designed for predictable results you can trust. The ultimate result starts with a perfect beginning. A highly precise scan body simply is the key to producing an accurate restoration.

The scan body is placed at the beginning of the Elos Medtech Digital SMART Flow concept which includes various tools – scan bodies, hybrid bases (Ti-bases), pre-milled blanks, and abutments – needed for digital workflows. All of them are FDA cleared or MDR compliant where required.

The Digital SMART Flow is a particularly exciting concept, as it aims to eliminate complexity from digital workflows, with SMART standing for:

Simplify the Manufacturing of Accurate Restorations with Technology

The unwavering commitment to accuracy of course characterizes all products in the Digital SMART Flow portfolio, and our open library contains all relevant CAD/CAM parts for 3Shape, Dental Wings and exocad software.

Technical excellence is in our very DNA. For more than a quarter of a century, Elos Medtech has been a partner and subcontractor for all the major dental implant companies.