MY MEYER

Intraoral Scanner

MyScan3

Meyer Intraoral Scanner

245g Lightweight Design
Compact and portable, designed for effortless handling

Streamlined Body Design
Ergonomic curves for a comfortable grip.

Two Scanner Tips Options
Suitable for children or narrow intraoral spaces.

One-Click Smart Control

Video-Based Scanning

MEYER

Efficient Heat Dissipation Window
Ensures stable performance during extended use.

Gesture Control
Adaptive functionality for enhanced usability.

Automatic Defogging for Scanner Tips
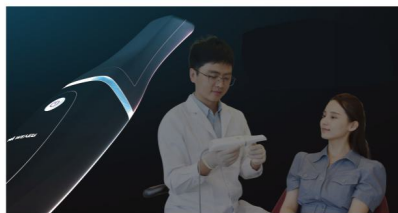
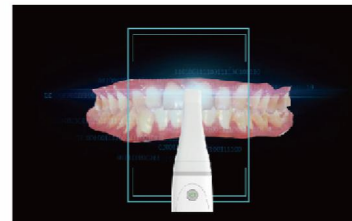Enhancing Your Daily Practice

Rapid Scan

Easy to Use

Data Cloud

Cutting-Edge Imaging Technology

Video-Based Scanning
Utilizes high-resolution video technology to capture precise
data swiftly, ensuring smooth and accurate scans.

Structured Light Imaging
Delivers sharp, detailed images with advanced clarity.

Binocular Imaging Human-Like Vision

1. Simulates human eyes for depth perception and 3D imaging.
2. Captures images from different angles to enhance resolution.
3. Strong anti-interference capability for stable performance in complex oral environments.
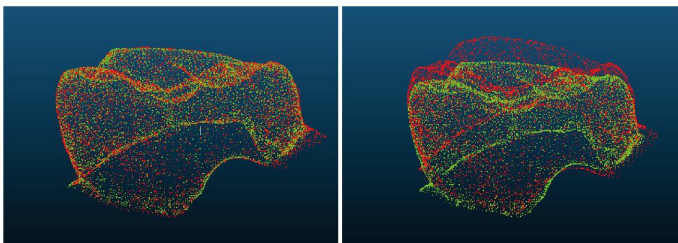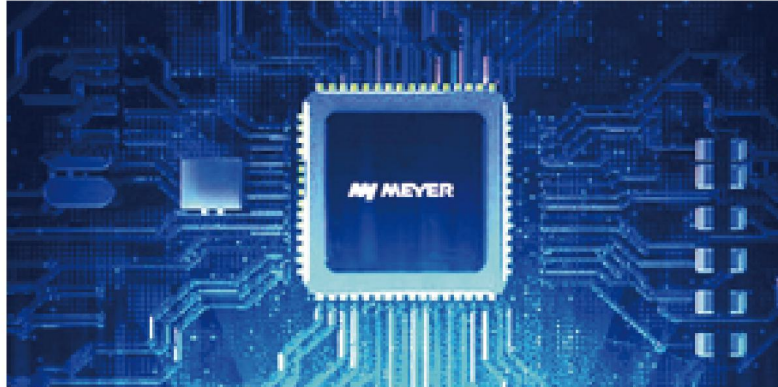
Precision Imaging
Employs point cloud alignment and global optimization with high-definition texture processing for ultra-accurate true-color imaging, achieving precision better than 15 microns.
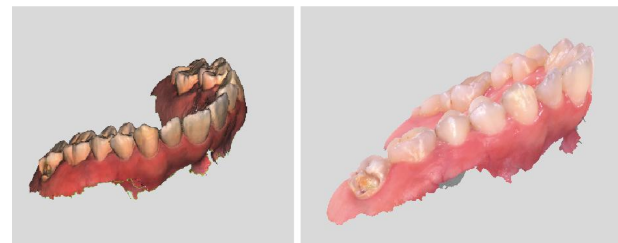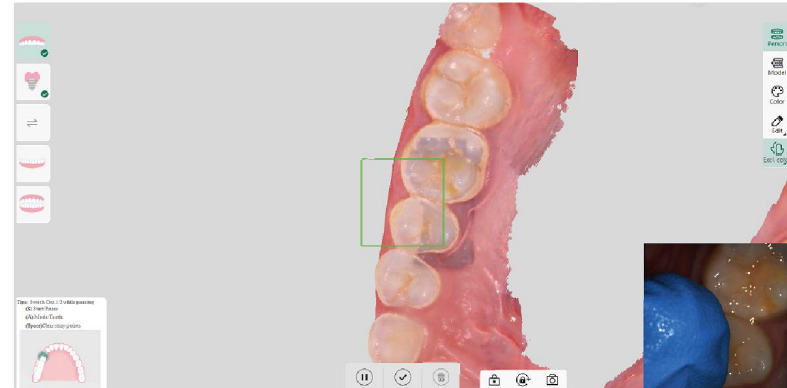
Real Color Mode
Enhanced color rendering for vivid images that restore true details.

MY Smart Imaging

AI-Powered Scanning
Automatically adjusts exposure and processes images in real-time, reproducing accurate textures and details.
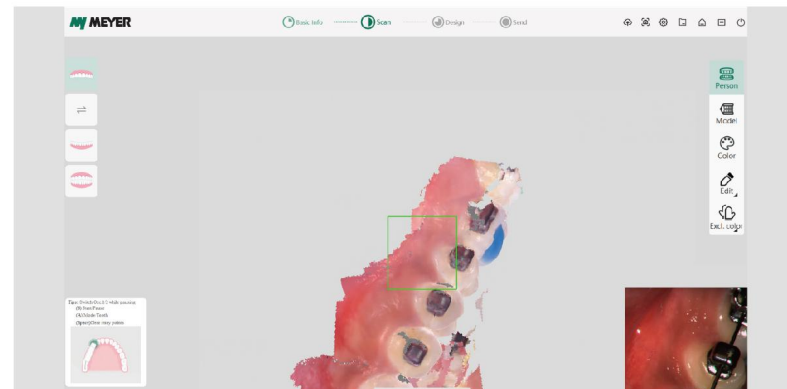

AI Model Processing
Automatically removes excess soft tissue data and identifies medical gloves for precise elimination.
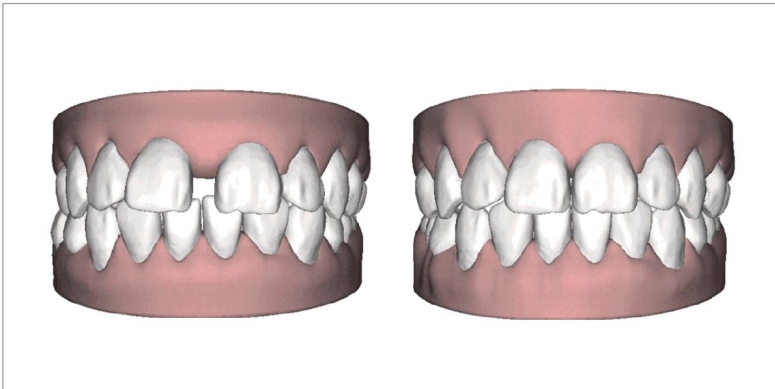

Implant Scan Mode
Built-in Implant Scan Mode, easy and fast scanning of various types of implant bodies.
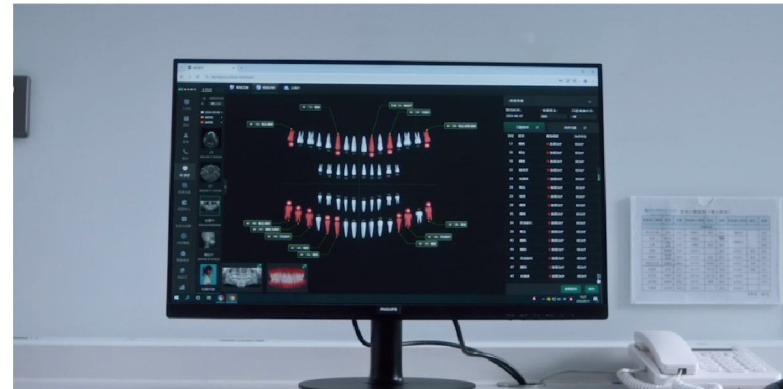

Metal Scanning
Advanced optical engine and imaging technology overcome challenges like reflective metal surfaces.
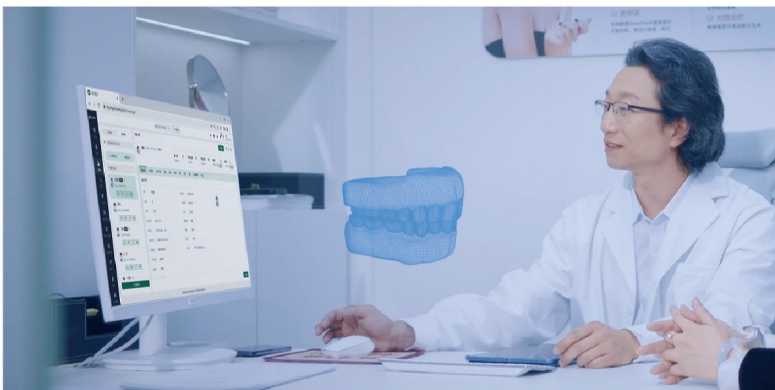
Simple and User-Friendly

Automated Tooth Arrangement *

Quickly demonstrate the orthodontic treatment outcomes to patients.
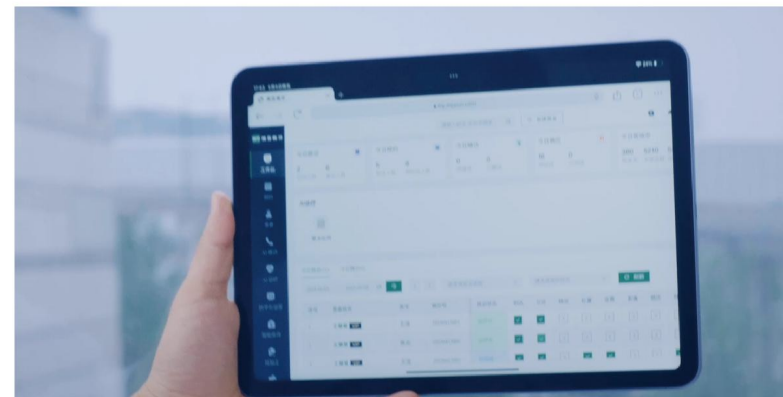

Data Management and Analysis *

Seamlessly manage devices, data statistics, and storage.

Integration with Laboratory

Send orders to processing centers with a single click and track progress efficiently.
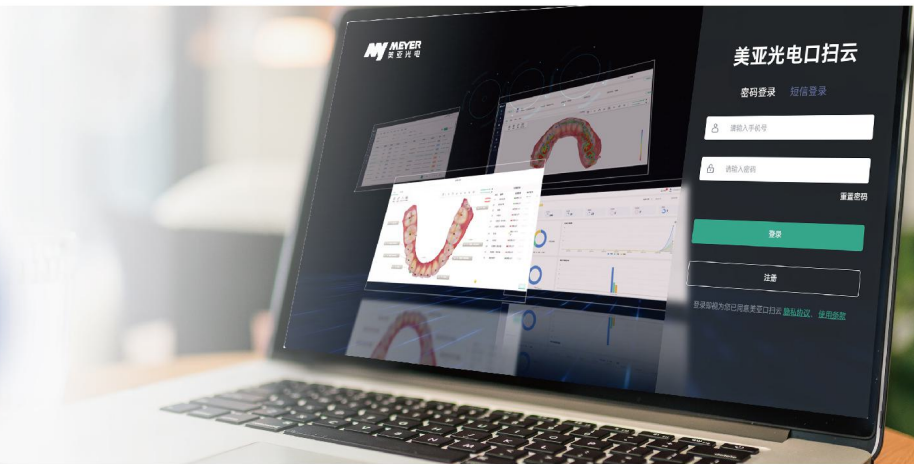

AI Oral Health Report *

Generate AI-powered reports in one step, showcasing symptoms and treatment options for patients.

*Consult Local Dealers for Information

MyScan Cloud Platform *

AI Oral Diagnosis and Treatment Report
· One-click report generation, providing a comprehensive understanding of the patient's oral health status.
· Intelligent recognition of potential conditions, assisting diagnosis and treatment planning.

Real-time sharing of patient data
· Cloud-based sharing of treatment plans, making it easier for patients to understand their condition, enhancing doctor-patient communication.
· Cloud-based sending of design plans.

Digital Reports
· Patient information is securely stored and supports data retrieval across multiple devices.
· Optimizes clinic management workflows, helping dental practices improve operational efficiency.

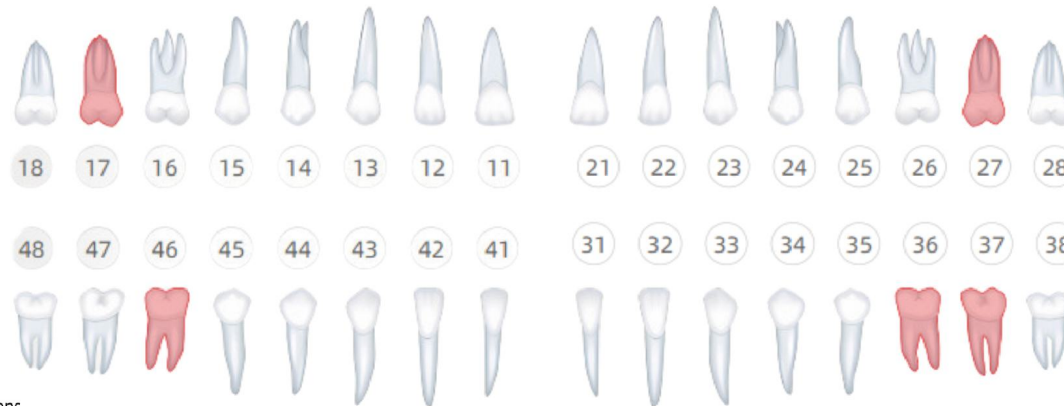*Consult Local Dealers for Information

Dental Caries

Teeth numbers 17, 27, 36, 37, and 46 have dental caries.

Symptoms

When bacteria erode the surface of the tooth, there is often no noticeable reaction. However, as the infection progresses deeper into the tooth, affecting the dentin, it can trigger symptoms such as tooth pain and gingival inflammation. Patients may experience increasing discomfort, including sensitivity to hot and cold, pain while chewing, and spontaneous night pain.

Positions

| 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |

| 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 |

Solutions

- Mild dental caries: The common treatment method is filling, also known as restorative treatment. The dentist will remove the decayed tissue from the cavity and fill it with a material to restore the shape and function of the tooth.
- Deep dental caries: When the decay progresses to affect the pulp, a root canal treatment may be required.
- Severe tooth decay: If the tooth decay has severely damaged the tooth structure and cannot be repaired, or if the infection persists after root canal treatment, tooth extraction may need to be considered.
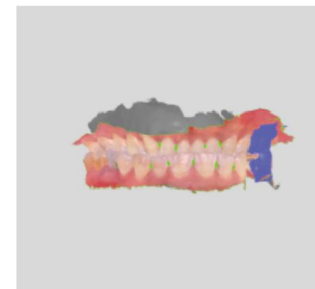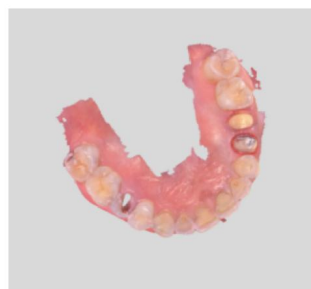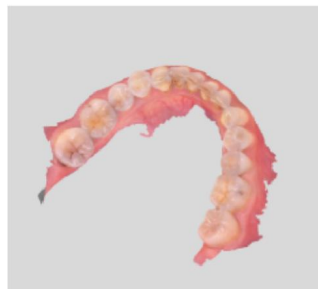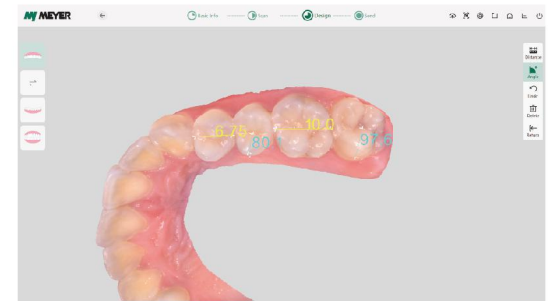
Powerful Functions
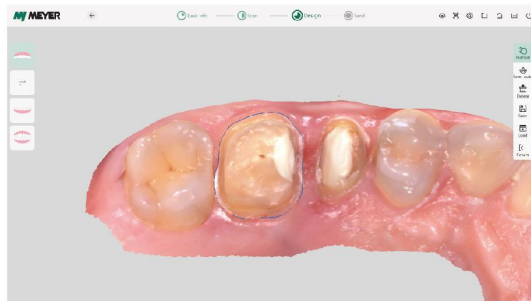
Cervical Margin Extraction
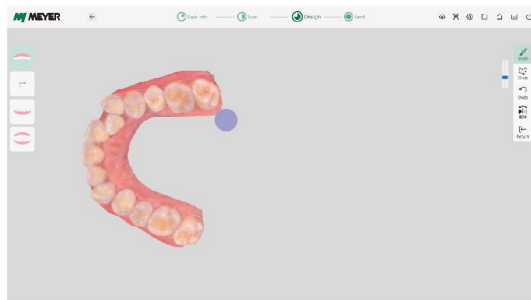Detects and extracts cervical margins.

Undercut Detection
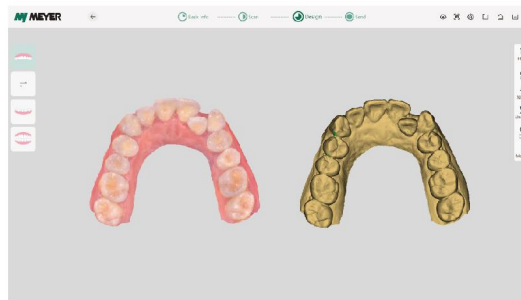Identifies undercuts on abutment teeth with precision.

Measurement Features
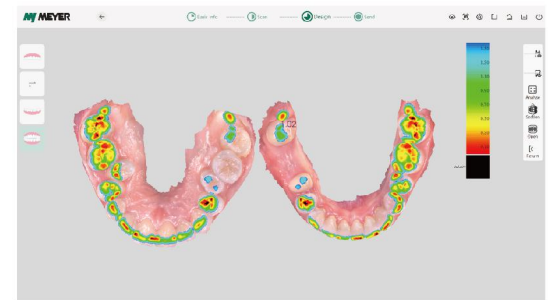Provides accurate tooth length and angle measurements.

Editing Tools
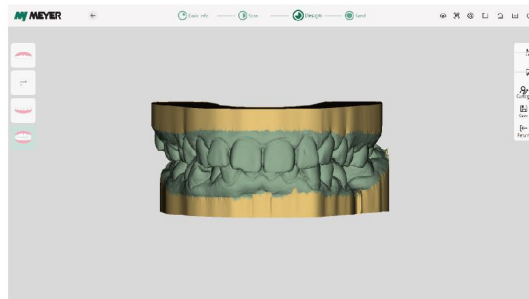Comprehensive tools for model adjustments.

Color Switching
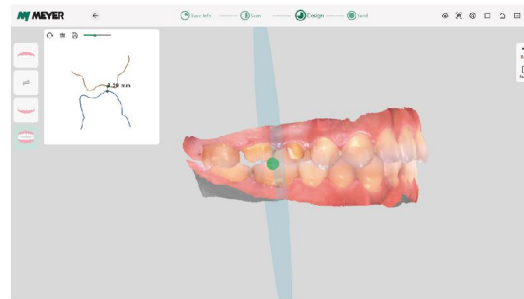Facilitates observation by examining tooth texture.

Occlusion Analysis
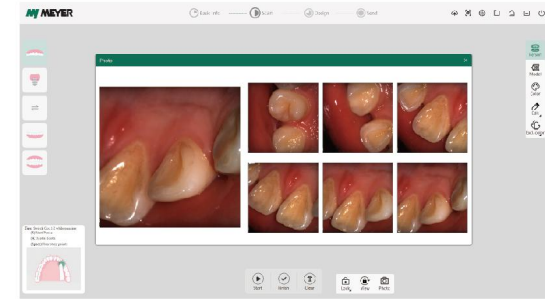Visualizes occlusion forces with gradient color mapping.

Model Builder
Add bases to 3D models directly within the software.
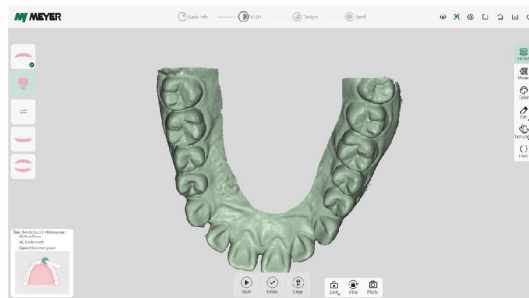boosting orthodontists.

Cross-Section Measurement
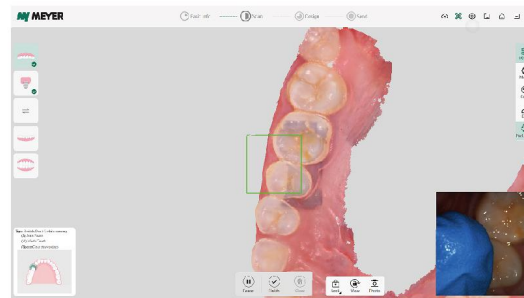Enables precise sectional measurements.

Camera Function
Captures high-definition intraoral photos to document oral
conditions.

Locking Function
Allows partial locking to prevent data overlapping.

Smart Color Filtering
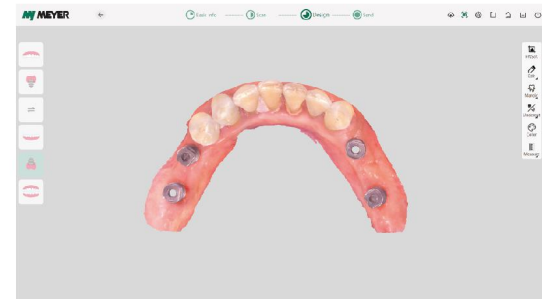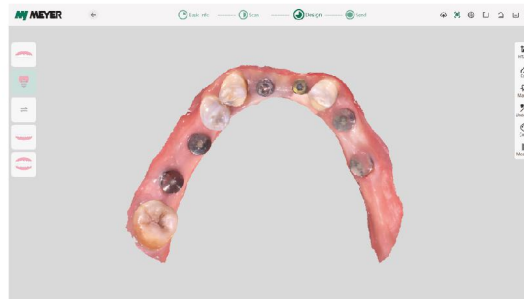Automatically identifies and removes distracting colors.

Data Fusion
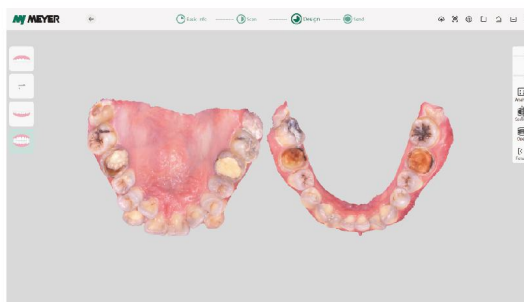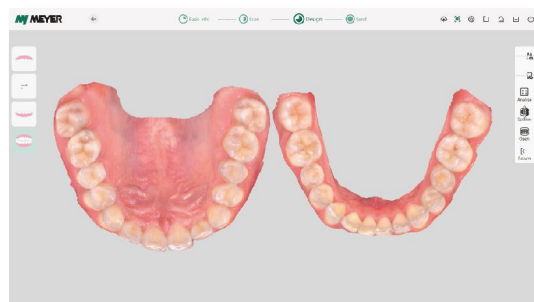Combinedwith the bone 3D data from Meyer Dental
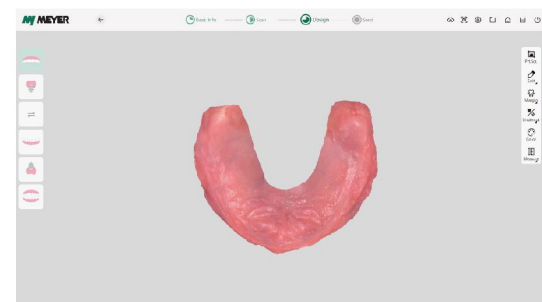CBCT through intelligent and accurate data fusion.

MyScan Clinical Cases

Implant

Orthodontics

Edentulous Scan

Restoration
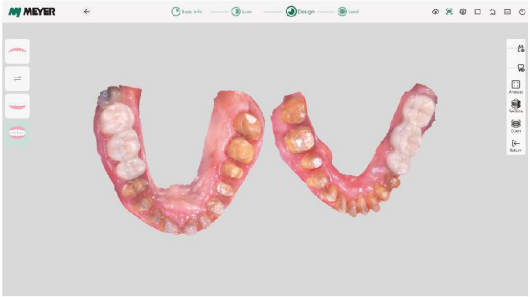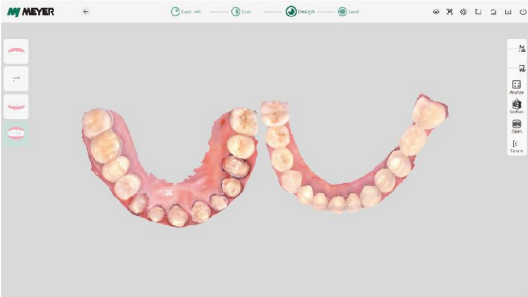
Discolored Teeth
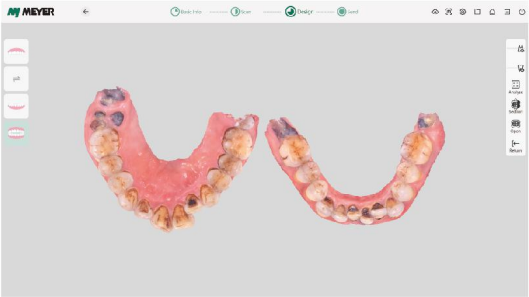
Metal Crown/Metal Tooth

All-In-One Workstation
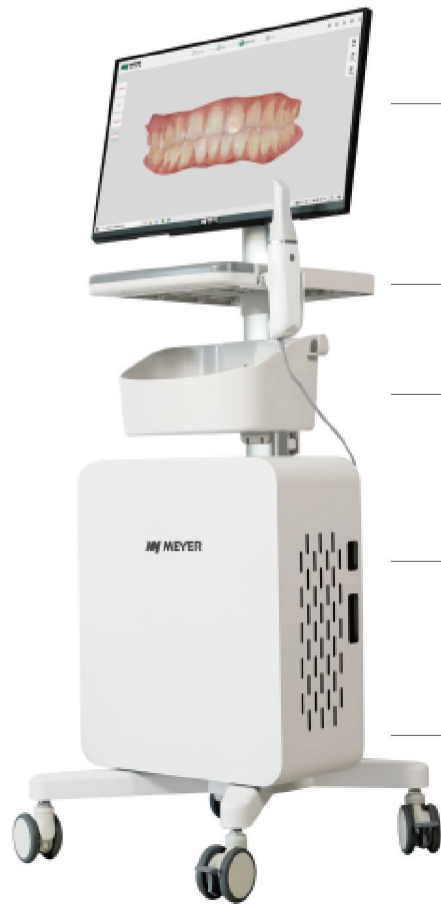
Premium 24-Inch Touchscreen Display

Responsive, durable, and intuitive for seamless human-computer interaction.

Medical-Grade Trolley

Stylish and robust with smooth mobility, designed for professional use.

Accessory Basket

Convenient storage for scanning tools.

High-Performance PC

Equipped with a custom high-performance computer for smoother scanning operations.

Silent Universal Wheels

Offers quiet, effortless movement for a serene workspace

Technical Specifications

MyScan 3	
Scanning technology	Video technology
Weight	245g
Accuracy	15 μm or better
Output format	STL, PLY, OBJ
One-click Calibration	Yes
Dimension ((L x W x H))	237 x 46 x 39 mm

Tips		
	Size (L x W x H)	93 x 20 x 17.5 mm (L) *4 / 93 x 17 x 14 mm（S)*1
	Field of view	13 x 14 mm（L）/ 11 x 9 mm（S）
	Scan Depth	15 mm
	Anti-fogging technology	Built-in Automatic Anti-fogging
	Autoclavable	Up to 100 times, Autocalve 121°C 15 mins, Autocalve 134°C 6 mins

Minimum PC Configuration		Recommended PC Configuration	
CPU	Intel Core i7 9th	CPU	Intel Core i7 13th or above
Memory	16 GB	Memory	32 GB
Hard Disk Drive	256 GB SSD	Hard Disk Drive	512 GB SSD
Graphic Card (GPU)	NVIDIA® GeForce® Only, RTX 2060 (VRAM 6GB)	Graphic Card (GPU)	NVIDIA® GeForce® Only, RTX 4060 or above
Operating System	Windows 10 / 11	Operating System	Windows 10 / 11
Display Resolution	1920 x 1080	Display Resolution	1920 x 1080
USB Ports	More than 2 type-A USB 3.0(or higher) ports	USB Ports	More than 2 type-A USB 3.0(or higher) ports