



Clariscan UP610
Engineered for Comfort
Built for Confidence



Intraoral Scanner



CLARISCAN UP610

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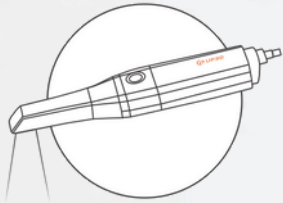
Empowering and Precision Care

UP610, the next-generation intraoral scanner built to simplify your workflow and elevate your practice. Elegant and ease in mind, UP610 helps you capture vivid and precise digital impressions to support treatment outcomes, your patients will be happy with and you can be proud of, it's the perfect partner for dental care.



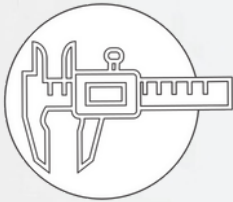


Smaller, Smarter Seamless Scanning!



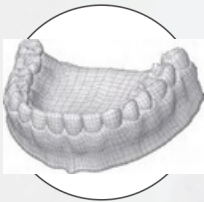
32% Lighter, 42% Smaller

Compact design with ergonomic comfort



30% More Accurate: 10 μ m for Full Arch

Unmatched accuracy for diverse clinical applications



Up to 27 $\pm$ 3mm Deep Scan Depth

Ideal for capturing details: scan bodies, margins, and gingival contour

**29
sec**

Single Arch in 29s

Fast scanning speed, reduce patient chair time

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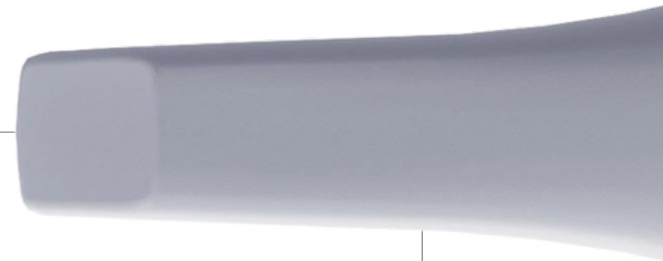
Small Details Makes UP610 More Exceptional

*With advanced hardware and smart software working in harmony,
UP610 delivers smooth workflows and reliable results.*



29s

Faster scanning



Clear View

*Auto Anti-fogging
Powder-free*

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Remote Button

One-button easy control

210g

Light weight

Ergonomic Design

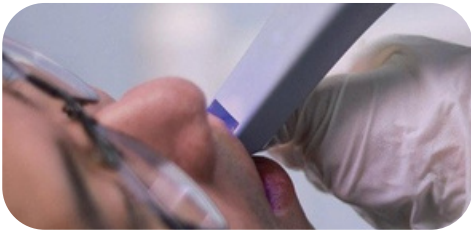
Improved grip for comfort

Optimized Cooling

Less noise and distraction

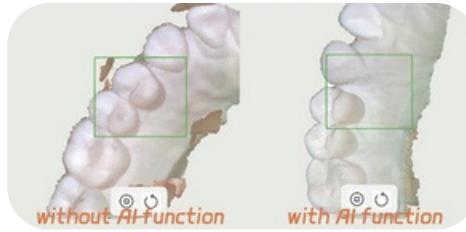
APPLICATIONS

Implant



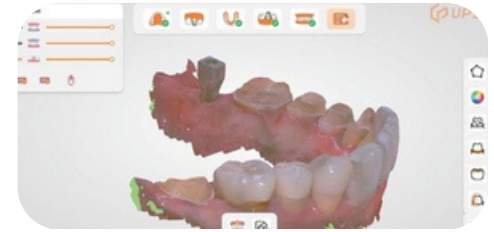
Deep Field Clarity

An enhanced depth of field captures intricate details of implant sites.



AI Scan Filtering

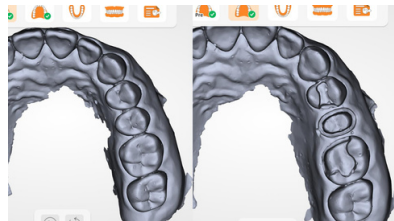
Automatically identifies and filters out irrelevant soft tissue data.



Metal Recognition

Advanced algorithms instantly identify abutments and scan posts.

Restoration



Pre-operative Oral Scan

Enables doctors to perform pre-operative scans to capture reference data before preparation.



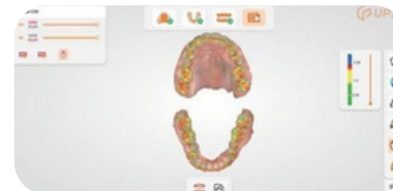
Undercut Detection

Displays the degree of undercut through different colors.



2D Section Measurement

Enables accurate visualization of the restoration-occlusion distance.



Occlusion Analysis

Detects and visualizes maxilla-mandible interference through a color map.

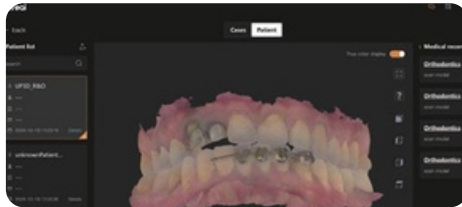
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Orthodontics



Exceptional Orthodontic Scanning

Accurately scans metal brackets and clear aligners with advanced optics and AI algorithms.



Orthodontic Progress Tracking

Seamlessly record, monitor, and compare patient scans across treatment stages.



SOREAL APP

Chairside Immediate Restoration Workflow

- Order management
- Data management
- Seamless collaboration between clinics and labs
- Quick order creation
- 3D data sharing



○ **Generate Base**

Quickly create a basic model with a base and drain holes in just 30 seconds.



○ **Model Editor**

Edit models with features like repair, articulator integration, labeling, die and implant gingiva generation.



○ **Oral Health Report**

Automatically generates a health report after scanning, providing patients with a view of oral health status.



○ **Intelligent Patient Management**

• Real-time tracking of patient treatment stages • Easy access to historical data for dentists

Tailored Solutions for Every Dental Application

From clinics and lab to dental schools, UP610 is built to adapt to various business models and workflows. Its flexible design guarantees smooth integration and dependable performance, offering customized solutions for diverse dental needs.



Scanning *Types*



Intraoral Scanning



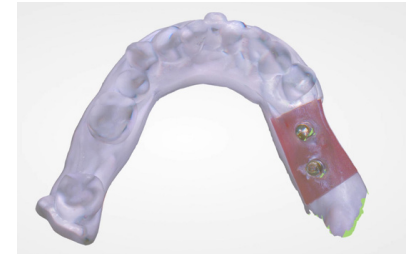
Plaster Model Scanning



Implant Scanning



Metal Brackets Scanning



Resin Model Scanning

UP610 Specifications

Light Source	Red, Green, and Blue LED	Full Arch Scanning Time	≤ 2 min
Dimensions	227 × 42.5 × 33.3 mm	Tip Size	20.5(W) × 18(H) mm
Weight	210 g	Output Formats	STL, PLY, OBJ
Accuracy	10µm for Full Arch	Input Power	DC 12V, 3.0A (appropriate power supply for the scanner)
Scan Field	14.5 × 16.2 mm	Scanning Frame	22-24 FPS
Scan Depth	27±3 mm	Cable Length	1.5 m

Recommended System Requirements

Operating System	Windows 10 or Windows 11, 64-bit Professional edition
CPU	Intel Core 12th generation i7 or above
Dedicated Graphics Card	NVIDIA GeForce RTX 30xx series (with at least 6GB VRAM, recommended 8GB)
Memory	16GB RAM or above
Hard Drive	Dual Drives: 256GB SSD (Solid State Drive) + 1TB HDD (7200 RPM)
Motherboard	Choose a reputable manufacturer's motherboard (e.g., ASUS) with USB 3.0 support.
	Ensure the presence of a dedicated graphics card. Sufficient availability of USB 3.0 ports (at least 2). For stability purposes, it is recommended to use a branded computer rather than a custom-built one.



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