

ABOUT LAUNCA

Launca is a leading provider of innovative scanning solutions in digital dentistry.

Founded in 2013, Launca Medical is headquartered in Songshan Lake, Dongguan(China), with an additional operational office in Shenzhen (China), Launca has been focusing on intraoral scanning system development based on its proprietary 3D imaging technology. We have successfully launched a series of intraoral scanners to the global market including DL-100 in 2016, DL-150 in 2018, DL-202 in 2019, and DL-206 in 2020.

Currently, Launca has supplied our intraoral scanners to over 80 countries. We are proud to be a preferred global partner for dental practices, dental laboratories and authorized distributors. Our vision is to continuously create advanced intraoral scanning solutions to increase the efficiency, quality and patient comfort of the dental services around the world.



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Launca Medical

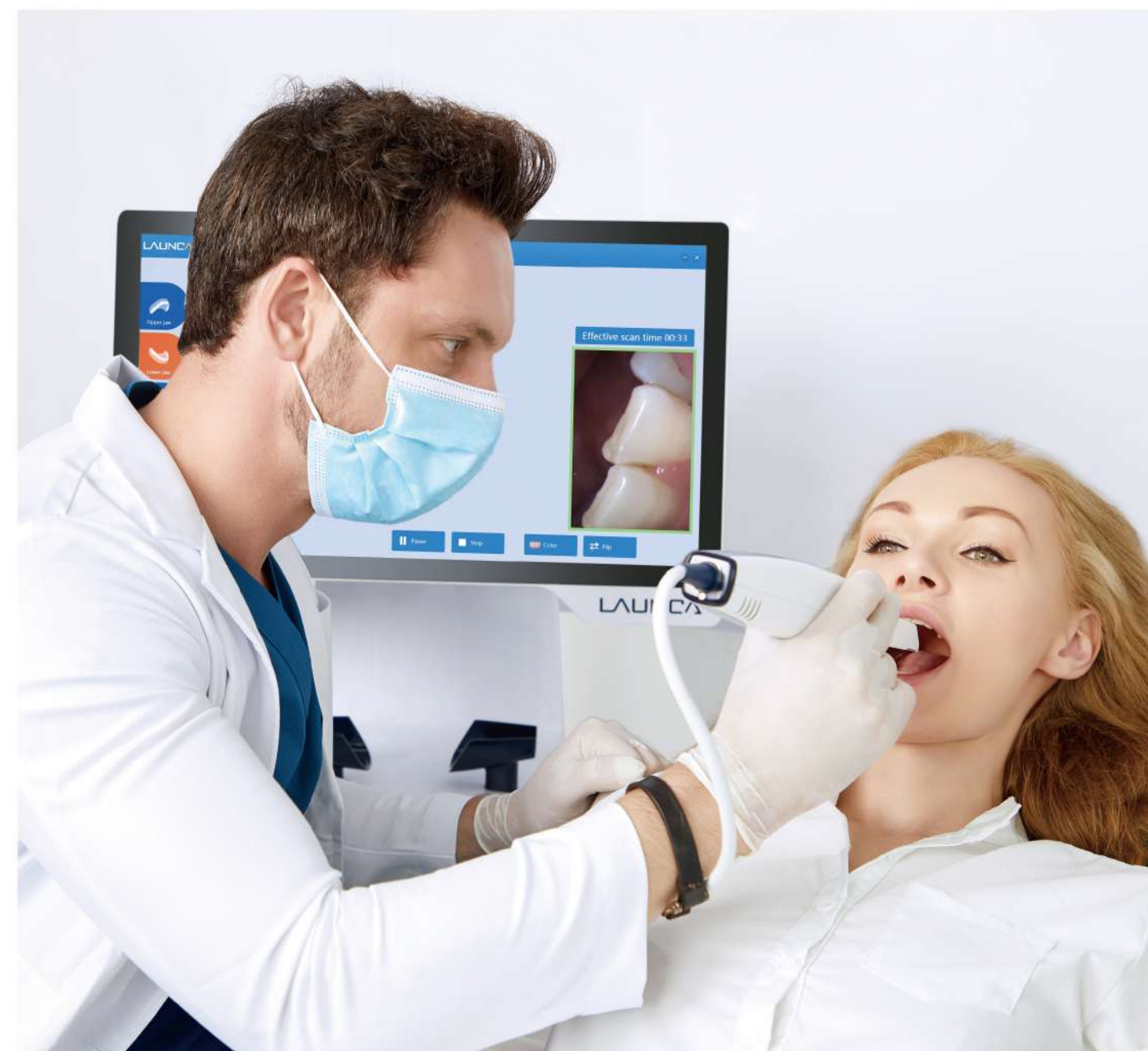
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LAUNCA DL-206

INTRAORAL SCANNER

launcadental.com



LAUNCA

**Faster
Lighter
Better**



LAUNCA DL-206

- Dentistry Solution Initiative of the Year
 - Digital Innovation of the Year
- HCA Medtech Awards 2021

As the newest member of Launca DL-200 series, DL-206 is by far the lightest, smallest, and the most powerful powder-free intraoral scanner we've ever made, it delivers superior dentist and patient satisfaction with enhanced scan accuracy, ease of scan and intelligent functionality. DL-206 intraoral scanner provides you with not only the easier entrance to digital dental treatment workflow but also open data connection to CAD/CAM platforms.

Embrace the future of digital dentistry and make the transition now.





Fast Scanning

DL-206 is capable to complete a single arch scan within 30 seconds, saving both time and energy for dentists and patients.



Ergonomic & Lightweight

With ergonomic design and light weight at just 250 grams, DL-206 is easy to grip without feeling fatigue, providing a comfortable scanning experience for users.



Small Tip

The 16mm scan tip makes it easy to capture data in hard-to-reach areas while ensuring patient comfort.



Realistic Color

Unique algorithms enable 3D scanning with rich details and realistic color, creating accurate & high-resolution digital impressions.



High Accuracy

With our proprietary 3D imaging technology, DL-206 is able to scan at incredible point density and capture the exact geometry and color of the patient's teeth, producing accurate scan data for dentists and dental labs.



Triangulation-Light Dots Projection

Incredible light dots density guarantees superior original data SNR (signal-to-noise ratio), with powerful post-processing, the scan data has incomparable accuracy with more margin details and sharpness.



Powerful 3D Visualization

Equipped with an integrated full HD touch screen, DL-206 gives your patients a better and more interactive chairside experience.

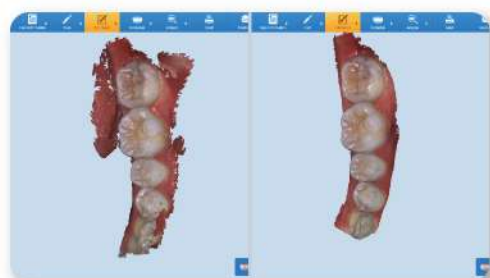


User-Friendly Software

Built with simplicity in mind, our easy-to-use software and intuitive scan & send digital workflow help beginners to start scanning more quickly and efficiently.



Software Features



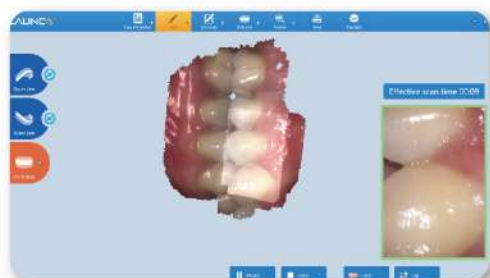
Real-time soft tissue removal

Irrelevant soft tissue data from buccal, lingual, labial or palatal sides will be removed in real time during the scanning process.



Real-time overlap removal

This function allows users to optimize overlaps in real time, ensuring high accuracy. When an overlap occurs during scanning, simply scan the overlapped area back and forth to remove it.



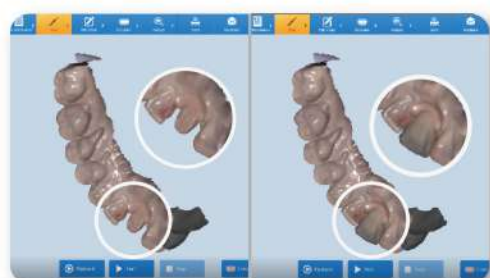
Real-time 3D image rendering

Unlike others, Launca puts some of the 3D image rendering process ahead to help dentists judge the data quality during scanning rather than waiting for post-processing.



Easy interproximal area scan

Launca DL-206 can easily scan interproximal areas and get the complete data, bringing users a seamless scanning experience.



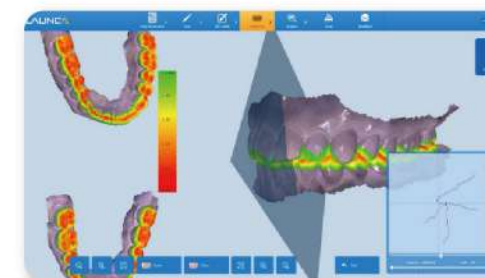
Pre-preparation scan

Scan before prep and use the data as reference data to improve the accuracy of restorative work



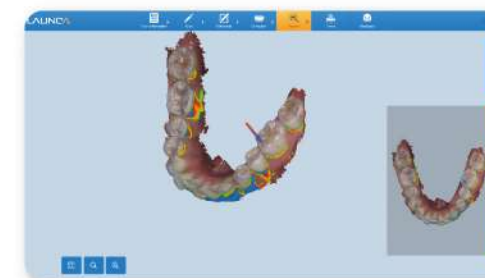
Rescan

After an incomplete scan is acquired, simply click on the Rescan button to finish the complete data acquisition. Users can also erase unsatisfying area and scan it again to acquire better 3D data.



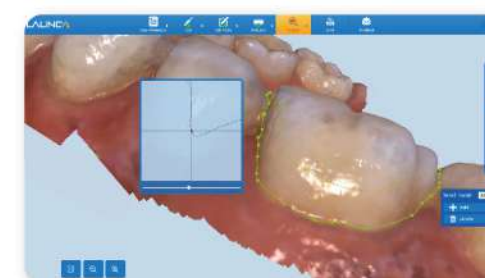
Occlusion analysis

Analyze the occlusal relationship between the maxilla and mandible, displaying the results in a color map with numerical values.



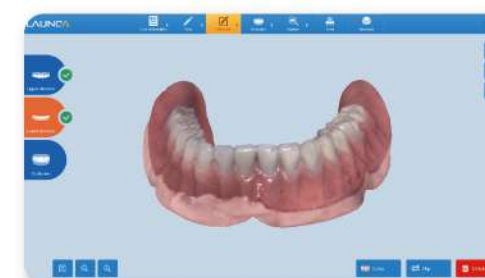
Smart undercut indication

This function will intelligently display undercut conditions to assist dentists in checking the adequacy of tooth preparation, avoiding undercuts that may lead to fitting failure.



Margin line creation

By manually adding or editing the control points in the scan data, dentists can draw the margin line of any tooth, making it easier for dental technicians to design and mill dental restorations.



Full denture scan

Help you create a new digital denture design based on the patient's existing denture

DL-206

CART-TYPE INTRAORAL SCANNER

With a powerful computing system and high-definition touch screen, DL-206 brings a smooth, intuitive clinical experience and better doctor-patient communication.



DL-206P

PORTABLE INTRAORAL SCANNER

DL-206P is the portable version of DL-206, which can be easily adapted to different clinic scenarios. Accurate, fast scanning and simple workflow make it one of the best choices for dental practices.



Features



DL-206 Industrial PC Configuration

Operating System	Microsoft Windows 10 Pro
CPU	Intel® Core™ i7 9th Gen
GPU	NVIDIA GeForce® GTX 1650
Memory	8GB DDR4*2
Storage	1TB HDD+256GB SSD
Screen	21" (520mm*310mm) FHD (1920x1080) multi-touch screen
Wifi Connection	PCIE Wireless Network Cards
Medical cart size (DL206)	640*520*1175mm

DL-206P Recommended PC Configuration

CPU	CPU Intel Core i7/i9 (10th/11th generation) with base frequency of 3.0GHz or above AMD R7 5800H or above
GPU	NVIDIA GeForce RTX2060 or above
RAM	16 GB or above
Monitor	Monitor resolution 1920 x 1080 (Full HD)
Operating system	Windows 10, 64-bit
USB ports	USB 3.0/3.1/3.2, at least two USB ports
Storage	512GB SSD or above

Connection Diagram



- 1 Notebook
- 2 Camera Adapter
- 3 Intraoral Camera
- 4 Power Adapter
- 5 Dongle

Accessories Available



Scanner holder



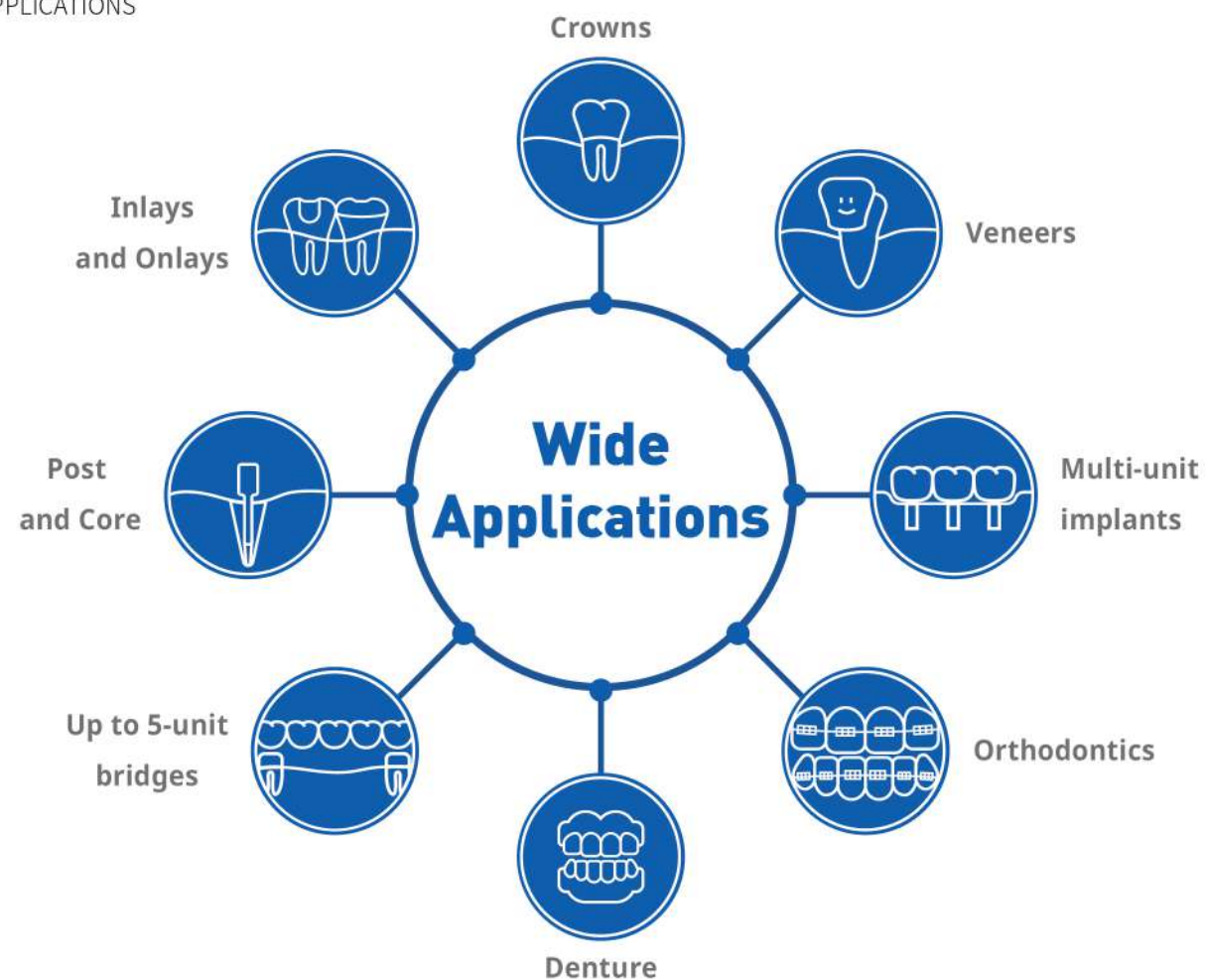
Scanner tip



All-in-one touch cart

Technical Specifications

Scanner Information	
Full Arch Scan Time	1 minute
Local Accuracy	10μm
Scanner Dimension	270*45*37mm
Weight	250g
Tip Size	16.6 x 16mm
Scan Field of View	15.5×11mm
Scan Depth	-2mm - 18mm
Tip Sterilization	Autoclave times: 40
Data Interface	USB 3.0/3.1/3.2
Cable Length	2.15m
Power Input	AC 100-250V 50-60HZ
Scanning Technology	
Data Capturing Principle	Triangulation
Light Source	LED
3D Data Reconstruction	Real-time imaging display
Anti-fogging	Built-in heating
3D Calibration	Automatic calibration
Software Features	
AI Scan	Automatic soft tissue removal; Sound alert and quick recovery
Model Editing	Erase; Hole filling; Trimming; Replay; Rotation
Features	Occlusion Analysis; Margin Line; Undercut; HD Photo, etc
Data Format	STL, PLY
Data Transfer	Email and cloud
Maintenance	
Software Update	Free, OTA software update
Standard Warranty	2 years
Extended Warranty	3 years available
Subscription Fee	None



Dr. Marcelo Weber,
Brazil

"The scanning is very fast and accurate, the adaptation of crowns and orthodontic appliances is perfect. The software has also evolved considerably because it prevents scanned images from being lost. I liked the Launca scanner so much."



Dr. Rigano Roberto,
Luxemburg

"The Launca DL-206P 3D intraoral scanner brings accurate data with fast scanning speed, surprisingly easy to use. Excellent simplicity to send the order form as well as the digital fingerprints, in standard STL or PLY format."



Dr. Fabio Oliveira,
Brazil

"Working with Launca intraoral scanner allows us to achieve better planning and predictability of work, ensure we deliver a satisfied result for our patients."

Join Our Community

Connect with Launca users around the world! Here you can get the latest information about Launca intraoral scanner. Share your insights about digital dentistry, learn how to make the best use of your Launca scanner, and network with dental peers.

Start here:

<https://www.facebook.com/groups/launcamedical/>

