

Launca Medical

Headquarter: Room 901-908 and 914-916, Building 5, No.1 Yanfa 5 Road, Songshan Lake Park, Dongguan, Guangdong, 523808, China

Tel: +86-0769-22235086 Fax: +86-0769-22235089

Shenzhen Office: 907 Block B, Building 7, Shenzhen Bay Science and Technology Ecological Park, Nanshan District, Shenzhen, China

Tel: +86-0755-82280012 Email: efax@launcamedical.com Website: www.launcadental.com



LAUNCA

INTRAORAL SCANNER

Simpler workflow for dentists

Greater comfort for patients



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Launca Medical

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 for over 10 years. 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, DL-206 in 2020, DL-300 and DL-300 Wireless in 2023.

So far, Launca has supplied intraoral scanners to over 100 countries. We are proud to be a preferred global partner for dental practices, dental laboratories and professional 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.

The NEW Launca DL-300 Series

Wireless scanning, endless possibilities



Introducing the Launca newest series of intraoral scanners - the perfect digital companion to take your dental practice to the next level. Launca DL-300 Series comes in both wireless and wired versions, offering versatility and convenience to cater to different scenarios.



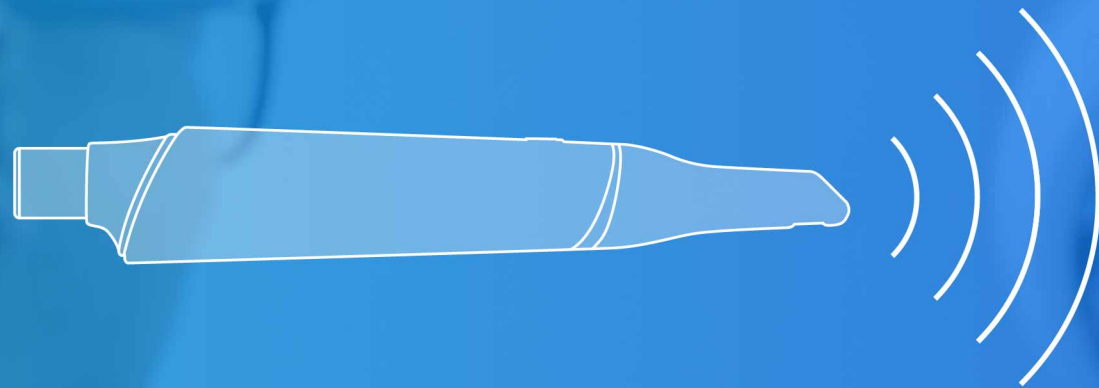
Launca DL-300 Wireless

Go Wireless with Ease

3 included batteries

1 hour of continuous scanning





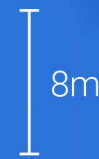
Fast & Accurate Wireless Scanning

DL-300 Wireless adopts cutting-edge wireless data transmission technology, allowing you to scan quickly and stably from any angle.



Outstanding Battery Performance

With up to 1 hour of continuous scanning on a single charge, you can enjoy uninterrupted and smooth scanning.



Up to 8m Wireless Range

No wires to hold you back! Enjoy the freedom of wireless movement between rooms with a range of up to 8 meters.



New Software with Advanced Features

The brand-new software UI with built-in tutorials helps you get started quickly and easily.

Launca DL-300

NEW

Experience the ultimate comfort and ease of scanning with the Launca DL-300 - the smallest and well-balanced scanner that fits perfectly in your hand



Ultra-light weight & compact size

The DL-300 is one of the smallest scanners on the market now. Weighs only 230 grams, shaped for easier grip and operation.



Two Tip Sizes

Provide users more options to choose, small tip can be used for children and patients with relatively smaller mouth openings.



Larger FOV

Nearly 36% increase in field of view compared to previous generation, greatly improved scanning speed and fluency.

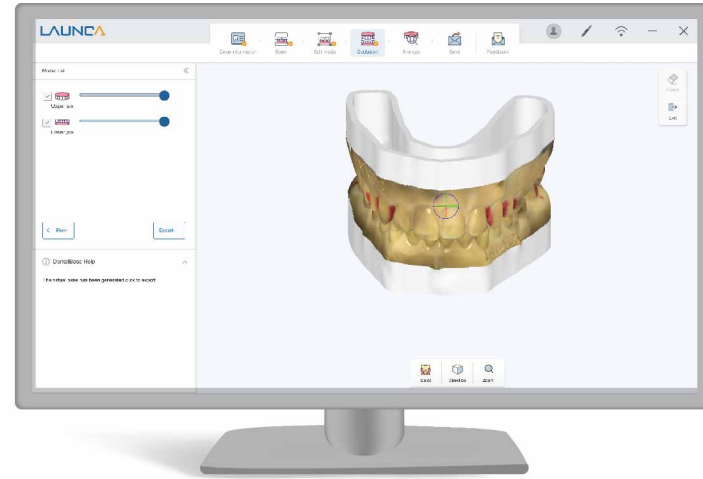


Increased Autoclavable Times

Redesigned and more durable scanner tip. Capable of autoclave sterilization up to 80 times.

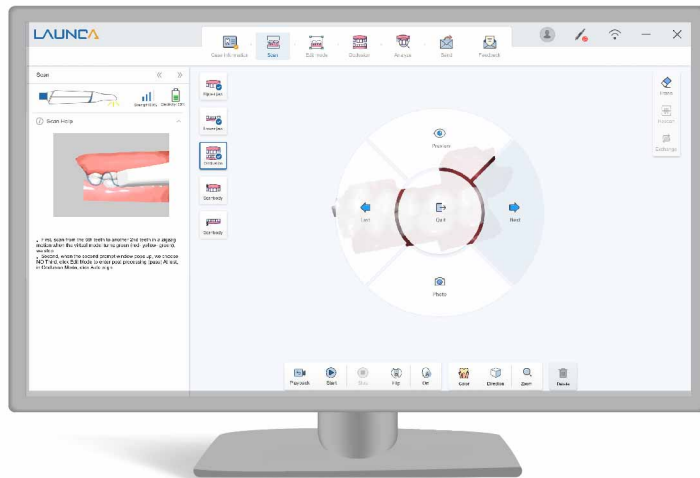
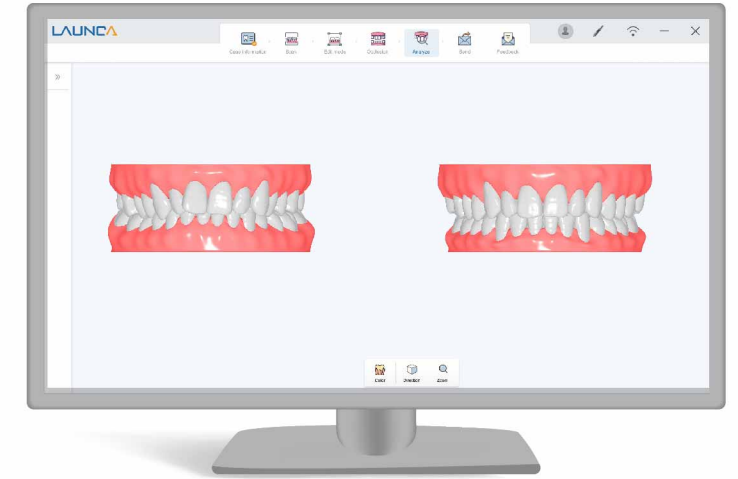
Model Base

The model base function enables users to easily create precise and detailed dental models for 3D printing using digital impression data, which facilitates optimal treatment planning and enhanced patient communication.



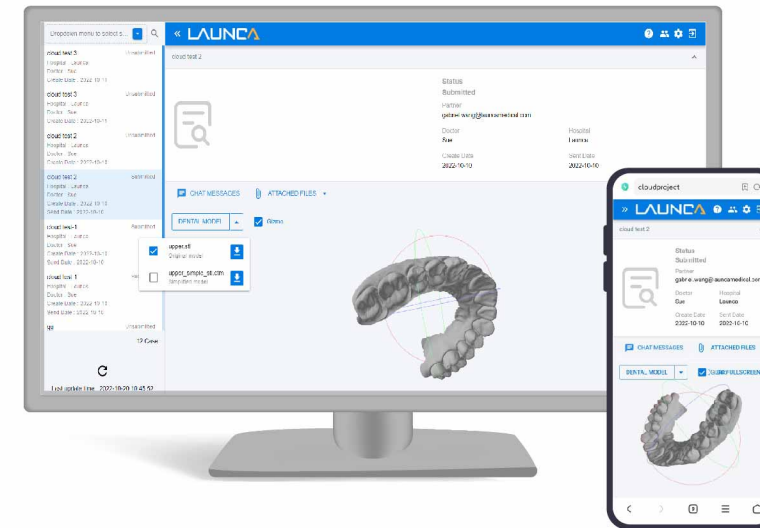
Ortho Simulation

With the most intuitive workflow, users can generate orthodontic corrections with just one click to help plan and visualize patient orthodontic treatments, making it easy for you to communicate treatment plans with patients and improve case acceptance.



Remote Control

Enjoy a more hygienic workflow and convenient controls at your fingertips. The DL-300 series allows you to effortlessly check scan data by controlling the scanner itself. Rotate, zoom in, rescan, or switch between interfaces with a simple gesture without interrupting your flow or concentration.



Launca Cloud Platform

Launca Cloud is an easy-to-use platform for dentists and labs to share data and communicate online. With features like order tracking, online 3D model preview, live chat, and unlimited cloud storage, Launca Cloud allows you to collaborate and stay connected at anytime, anywhere.

**DL-300 Wireless****DL-300**

Built to deliver unparalleled speed and accuracy, Launca DL-300 Series provides an efficient and comfortable scanning experience for dentists. With cutting-edge technology, DL-300 Series offers an enlarged field of view 17X15, an impressive scan depth of 20mm, and excellent image quality. Whether you need a scanner for restorative, orthodontic, or prosthetic workflow, the Launca DL-300 series has got you covered, making it the ultimate addition to any dental practice.

Technical Specifications

	Launca DL-300	Launca DL-300 Wireless
Single Arch Scan Time	30s	30s
Scanning accuracy	≤15 μm	≤15 μm
Scanner Dimension	220*36*34mm	283*34*36mm
Weight	230g	330g
Tip Size	Standard: 20 mm ×17mm Medium: 17 mm ×14.5 mm	Standard: 20 mm ×17mm Medium: 17 mm ×14.5 mm
Scan Depth	-2~18mm	-2~18mm
3D Technology	Triangulation	Triangulation
Light Source	LED	LED
Data Format	STL, PLY	STL, PLY
Standard Warranty	2 years	2 years
Field of View	17mm X15mm	17mm X15mm
Continuous scanning time	≥ 1 hour	≥ 1 hour
Autoclavable Times	≥80 times	≥80 times
Frames Per Second	30	20
Wireless Range	N/A	8m

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.



Technical Specifications

Single Arch Scan Time	30 seconds
Local Accuracy	10µm
Scanner Dimension	270*45*37mm
Weight	250g
Tip Size	16.6 x 16mm
Scan Depth	-2mm - 18mm
3D Technology	Triangulation
Light Source	LED
Data Format	STL, PLY
Standard Warranty	2 years

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



Fast Scanning

Launca 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 camera, Launca scanner 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.



High Accuracy

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



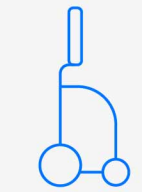
Triangulation-Light Dots Projection

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.



Realistic Color

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



All-In-One Clinic Solution

Equipped with an integrated full HD touch screen, Launca DL-206 is able to offer patients a better and more interactive chairside experience.



User-Friendly Software

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

Dr. Ahmed Zribi, Orthodontist, Sfax, Tunisia

"We are very relieved to embrace digital orthodontics with Launca. Lightweight and easy to use, the scanning speed is rapid. Our patients are impressed by this technology."

**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."

**TOURS DENTAIRE, Bertrand Dechereux, France**

"Simplifiez vous la vie avec la prise d'empreinte numérique. Vous numériserez rapidement et fidèlement grâce au scanner LAUNA DL-206."

**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."

**Hamed Akhoundi, AMERZ MEDICAL**

"Launca intraoral scanner is bringing patients cozy experience. I have good feeling to change to digital dentistry."

**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."





Wide Applications

Launca intraoral scanner is your ideal choice for capturing accurate digital impressions from a single tooth to full arch.



Crown



Veneer



Inlay & Onlay



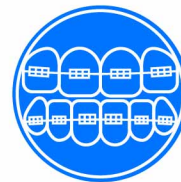
Multi-unit implant



Up to 5-unit bridge



Post & Core



Orthodontics



Denture

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/>

