

## Launca Medical

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# LAUNCA

## Your Reliable Intraoral Scanner Partner

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. We are aiming at building an ecosystem in digital dentistry with innovative hardware, software, and services in near future.

## The NEW Launca DL-300 Series



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 wired and wireless versions, offering versatility and convenience to cater to different scenarios.

# Launca DL-300 Wireless



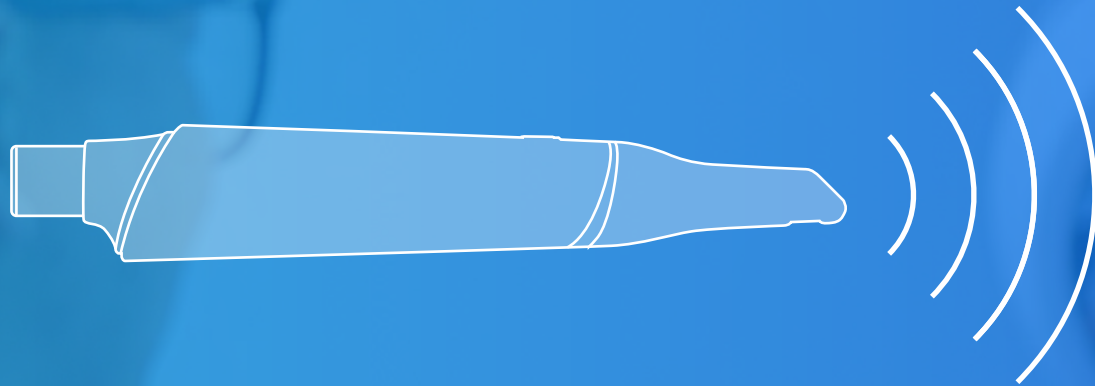
Go Wireless with Ease

**3** batteries included

**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 with a single battery, you can enjoy uninterrupted and smooth scanning.



### Up to 8m Wireless Range

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



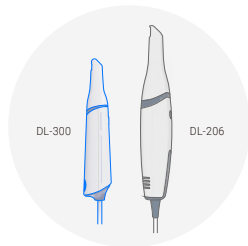
### New Software with Advanced Features

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

# Launca DL-300P

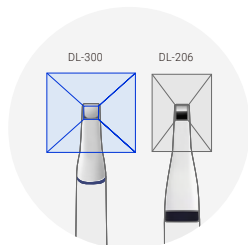
NEW

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



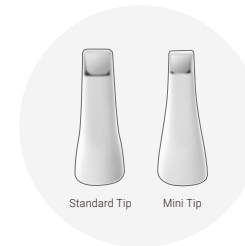
## Ultra-lightweight & Compact Size

The DL-300P is the smallest and lightest scanner of Launca. Weighs only 180 grams, shaped for easier grip and operation.



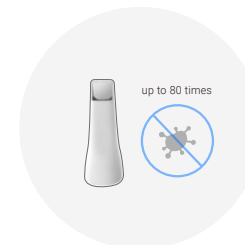
## Larger FOV

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



## Two Tip Sizes

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



## Increased Autoclavable Times

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

## Launca DL-300

**NEW**

Built for efficiency, precision, and better patient engagement, the DL-300 is the ideal all-in-one solution for your dental clinic.

### Lighting-fast & Intelligent Scanning

The upgraded DL-300 delivers fast and accurate scanning results in seconds, ensuring reliable data and reduced chairside time.

### Superior Ergonomics

With Launca's lightest camera weighing only 180g, the DL-300 offers an ergonomic grip and intuitive controls to reduce scanning fatigue.

### Better Patient Engagement

DL-300's touchscreen empowers dentists to present clear and precise digital scans to patients, enhancing their understanding and trust.

### Seamless Collaboration

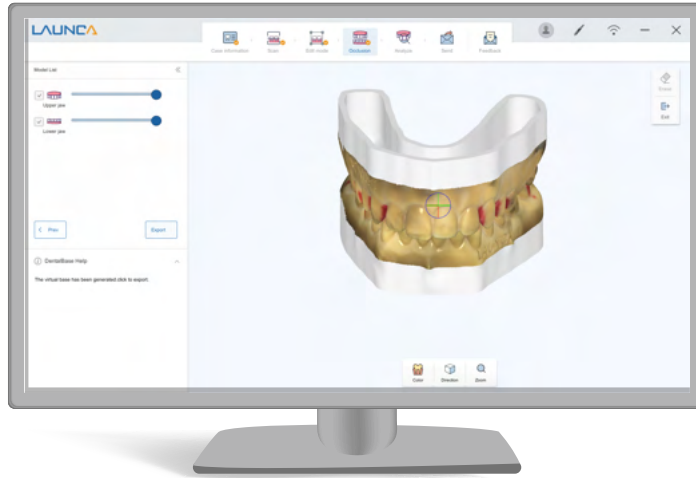
Share, visualize, and collaborate with ease. The DL-300 allows for seamless collaboration between dentists and dental labs.





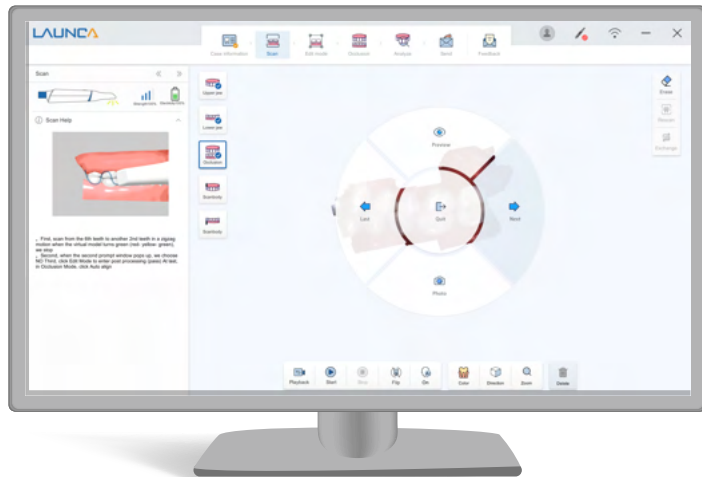
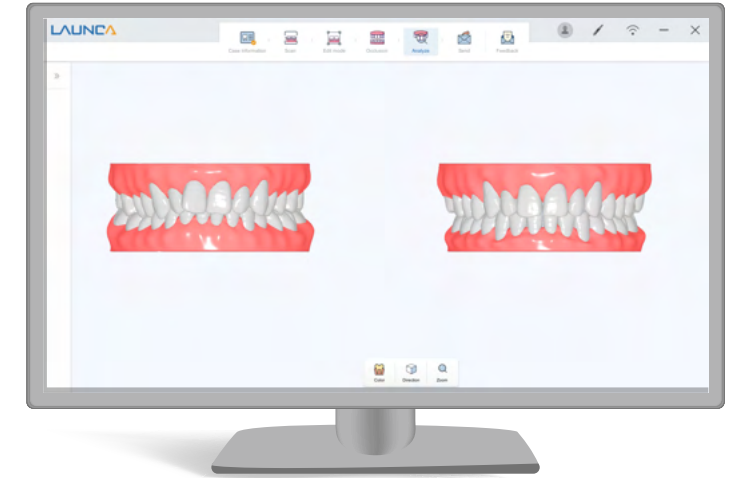
## Model Base

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



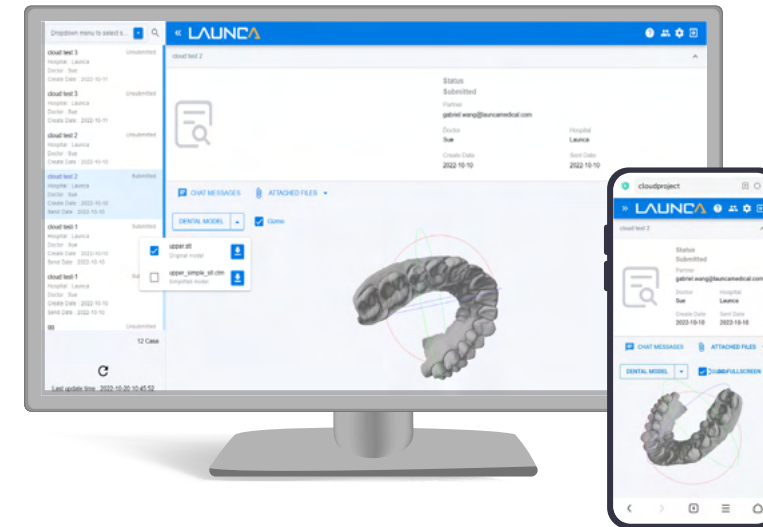
## Ortho Simulation

With the most intuitive workflow, users can generate orthodontic corrections with just one click to help plan and visualize every patient's 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 Series



## DL-300 Wireless

### WIRELESS INTRAORAL SCANNER

Mobility unleashed, scanning redefined. Enjoy the convenience, flexibility, and accuracy with DL-300 wireless and elevate your scanning experience to new heights.

## DL-300P & DL-300

### PROTABLE & CART-TYPE SCANNER

Available in both portable and cart options, the DL-300 series scanners are designed to make your clinical work faster, smoother, and more efficient than ever before.

## Technical Specifications

|                            | Launca DL-300 / DL-300P                         | Launca DL-300 Wireless                          |
|----------------------------|---|---|
| Single Arch Scan Time      | 30s   | 30s   |
| Local Accuracy             | 10 μm   | 10 μm   |
| Scanner Dimension          | 220*36*34mm                                     | 283*34*36mm                                     |
| Weight                     | 180g  | 330g  |
| Tip Size                   | Standard: 20 mm ×17mm<br>Medium: 17 mm ×14.5 mm | Standard: 20 mm ×17mm<br>Medium: 17 mm ×14.5 mm |
| Scan Depth                 | -2~18mm   | -2~18mm   |
| 3D Technology              | Triangulation                                   | Triangulation                                   |
| Light Source               | LED   | LED   |
| Data Format                | STL, PLY, OBJ                                   | STL, PLY, OBJ                                   |
| Standard Warranty          | 2 years   | 2 years   |
| Field of View              | 17mm x 15mm                                     | 17mm x 15mm                                     |
| Continuous scanning time   | N/A   | ≥ 1 hour  |
| Autoclavable Times         | ≥80 times                                       | ≥80 times                                       |
| Frames Per Second          | 30  | 30  |
| Wireless Range             | N/A   | 8m  |
| Medical Cart Size (DL-300) | 640*20*1175mm                                   | N/A   |



# DL-206 Series



## 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.



## DL-206

### CART-TYPE INTRAORAL SCANNER

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

## Technical Specifications

| Launca DL-206 / DL -206P |               |
|--------------------------|---------------|
| Single Arch Scan Time    | 30 seconds    |
| Local Accuracy           | 10 μm         |
| 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, OBJ |
| Standard Warranty        | 2 years       |

## All Scanners 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 or above  |
| 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.



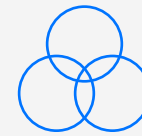
## High Accuracy

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."

**TOURS DENTAIRE, Bertrand Dechereux, France**

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

**Hamed Akhoundi, AMERZ MEDICAL**

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

**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."

**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. 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



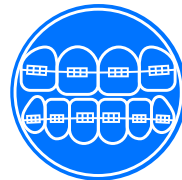
Multi-unit  
implant



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/>

