

**CHIRIMEN®**

# **DENTAL CAD/CAM**

**CATALOGUE 2025**

**SHENZHEN CHIRIMEN TECHNOLOGY CO., LTD**

**ONE STOP DATA DEVELOPMENT INTEGRATION SOLUTION**

# INTRODUCTION

## SHENZHEN CHIRIMEN TECHNOLOGY CO, LTD

In response to the domestic demand for data integration in dental implant processing, "Shenzhen Chirimen Technology Co., Ltd.," a wholly-owned subsidiary of Rizen Medical, was officially established at the end of 2017. The company is committed to establishing a standardized process for implant processing, achieving independent research and development, supporting integration, and production of implant system data. It aims to provide high-quality "one-stop data research and development integration solutions" for dental prosthesis processing enterprises both domestically and abroad.

The company is equipped with professional equipment, experts, and tools, holding the status of a national third-class medical device production enterprise with multiple registered products in the category. The developed libraries currently covers over 90% of mainstream implant systems in Europe, America, and South Korea. It can process personalized abutments, Malo bridges, abutment screws, integrated crowns, etc. The company is also capable of mass-producing analogs, scan bodies, premilled abutments, Ti-bases, and healing abutments, among other products for implant systems.

Chirimen Technology looks forward to collaborate with professionals in the dental industry, both domestically and internationally, to jointly promote the digitalization of intelligent dental technology data restoration. The company aims to drive the development of the dental industry, follow the trends of the industry, and contribute to the well-being of humanity.





# CHIRIMEN SCIENCE AND TECHNOLOGY PARK



MAIN WORKSHOP



SHOW ROOM

## OUR TEAM



In July 2022, Chirimen Science and Technology Park was established at No. 6 Renmin East Road, Tianqian Street, Honghai Bay, Shanwei City, Guangdong Province, covering an area of 18,000 square meters.

By integrating resources to build an industrialized technological chain, the project has dozens of precision machining centers, realizing a comprehensive functionality of the project.

We have gradually removed obstacles and sorted out relations to promote innovation and the industrialization of scientific and technological achievements, meanwhile, explored a path of innovative development that embodies the distinctive features of Chirimen.

[WWW.CHIRIMENTECH.COM](http://WWW.CHIRIMENTECH.COM)

**#01**

**IMPLANT  
PARTS**



**#02**

**DENTAL  
HANDPIECE**



**#03**

**DENTAL  
SURGICAL  
INSTRUMENTS**



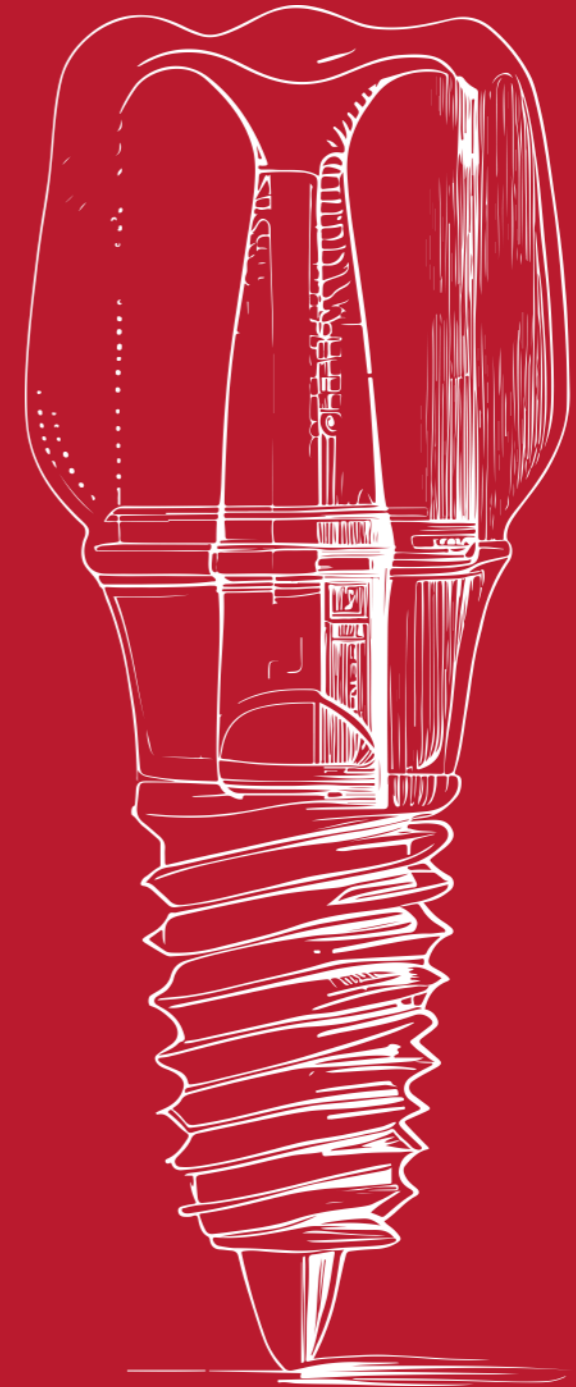
**#04**

**DENTAL  
TOOLS**



#01

# DENTAL IMPLANT PARTS



## TITANIUM PREMILLED ABUTMENT

Process using imported CNC lathes, achieving extremely high precision.  
 Made from original American Carpenter medical-grade titanium alloy.  
 Crafting personalized abutments.



Original Carpenter medical-grade stainless steel imported from the United States;  
Interface accuracy within a range of 5 micrometers.

## 3D PRINTING ANALOG

- ① Precisely made from high quality materials
- ② Exactly show inner size of Implant, accurately match with implant upper restoration
- ③ Digital process 3D analog, used for reproduction and 3D printing, can be used repeatedly
- ④ 3 - plane plus taper design, with good fixation and high recognition
- ⑤ Application of digitalization, transfer of accurate data, accurate and precise interface match
- ⑥ Installed screw fixation without glue guarantees fast and accurate positioning



Made of original American Carpenter imported medical-grade titanium alloy.  
Integral structural design, high reusability with precision.  
Capable of high-temperature disinfection and cleaning, suitable for intraoral scanning.

## INTRAORAL SCANBODY

- ① High durability, capable of high-pressure sterilization
- ② Utilizes special surface treatment for safety and reliability, with non-reflective scanning surface for clear and accurate imaging
- ③ Multi-planar scanning body design minimizes scanning and imaging errors, greatly enhancing precision when matching with databases
- ④ Gingival penetration of 3.0MM-5.0MM, making it applicable to a wider range of cases
- ⑤ Laser identification code for easy system model distinction
- ⑥ Interface precision of 4 micrometers



Intraoral Scanning · Digital Integration · Rapid and Accurate.  
Positioning American Carpenter Medical Grade 5 Titanium.  
Interface Precision within 5 Micrometers Range.

## HEALING ABUTMENT

- ① Slope design for quick identification of emergence and gingival heights
- ② Intraoral scanning, digital integration, rapid and precise positioning
- ③ Simplifying complexity, saving time, enhancing efficiency, and delivering exceptional customer experience
- ④ Ensuring accurate impression-taking and facilitating model transfer
- ⑤ Capable of high-temperature cleaning and sterilization
- ⑥ Integrated screw fixation for convenient placement and removal
- ⑦ Gingival height 2/4/6MM, diameter 4/5/6/7MM



No need for impression copings



No need for intraoral scanbodies



No need for analog



Original Carpenter medical-grade titanium alloy imported from the United States.  
Interface accuracy within a range of 5 micrometers.

## MULTI-UNIT ABUTMENT

- ① High flexibility, suitable for various gum height connection and restoration
- ② 3 types of Abutments, 0°straight Abutment, Angulated Abutment 17°and 30°
- ③ Reduce crack risk of abutment and screw, suitable for securing screw and restoration
- ④ Improve the installation position of prostheses, solve the problem of insufficient distance
- ⑤ Used for deviation of Implant direction, reach a common position fixed effect
- ⑥ Implant solution suitable for full-mouth edentulous jaws
- ⑦ Used for correcting the direction of the implant, achieving optimal co-placement even in cases of significant angular discrepancies

MULTI-UNIT STRAIGHT ABUTMENTS



MULTI-UNIT ANGULATED ABUTMENTS



Made from original American CARPENTER medical-grade titanium alloy.  
Interface accuracy within a range of 5 micrometers.

## TEMPORARY ABUTMENT

- ① Secured to the implant through abutment screws, allowing for design in the upper portion
- ② Fabricate an abutment or a one-piece crown and secure it through adhesive bonding
- ③ Provides support and fixation to prevent any displacement or rotation of the dental implant



Made from original American CARPENTER medical-grade titanium alloy.  
Interface accuracy within a range of 5 micrometers.

## ANGULATED ABUTMENT

- ① Suitable for restorations that require specific implant angles
- ② Suitable for single crowns and fixed bridge adhesive fixation; connected to the implant through a central screw



Made from original American CARPENTER medical-grade titanium alloy.  
Interface accuracy within a range of 5 micrometers.

### OPEN-TRAY INTERNAL CONNECTION IMPRESSION COPING

### CLOSED-TRAY EXTERNAL CONNECTION IMPRESSION COPING

- ① An accessory used to accurately transfer the shape and position of the implant head within the oral cavity to a model
- ② Reduce operational errors
- ③ Record the precise position within the oral cavity



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Interface accuracy within a range of 5 micrometers.

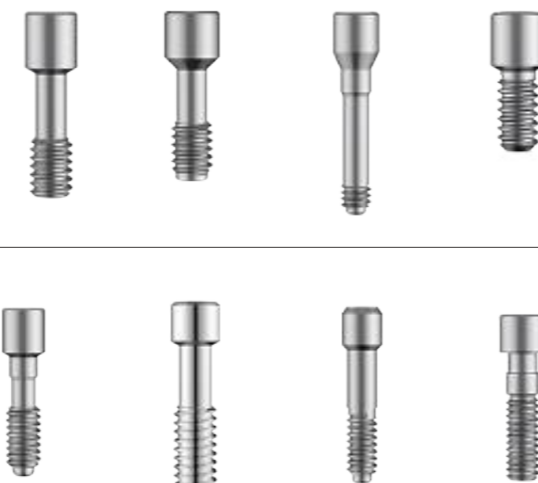
## TI-BASE (HEX/NON-HEX)

- ① Used for zirconia custom abutment single crown restoration and bridge restoration
- ② Anti-rotation
- ③ Good fit and strength



Made from original American CARPENTER medical-grade titanium alloy.  
Interface accuracy within a range of 5 micrometers.

## SCREW



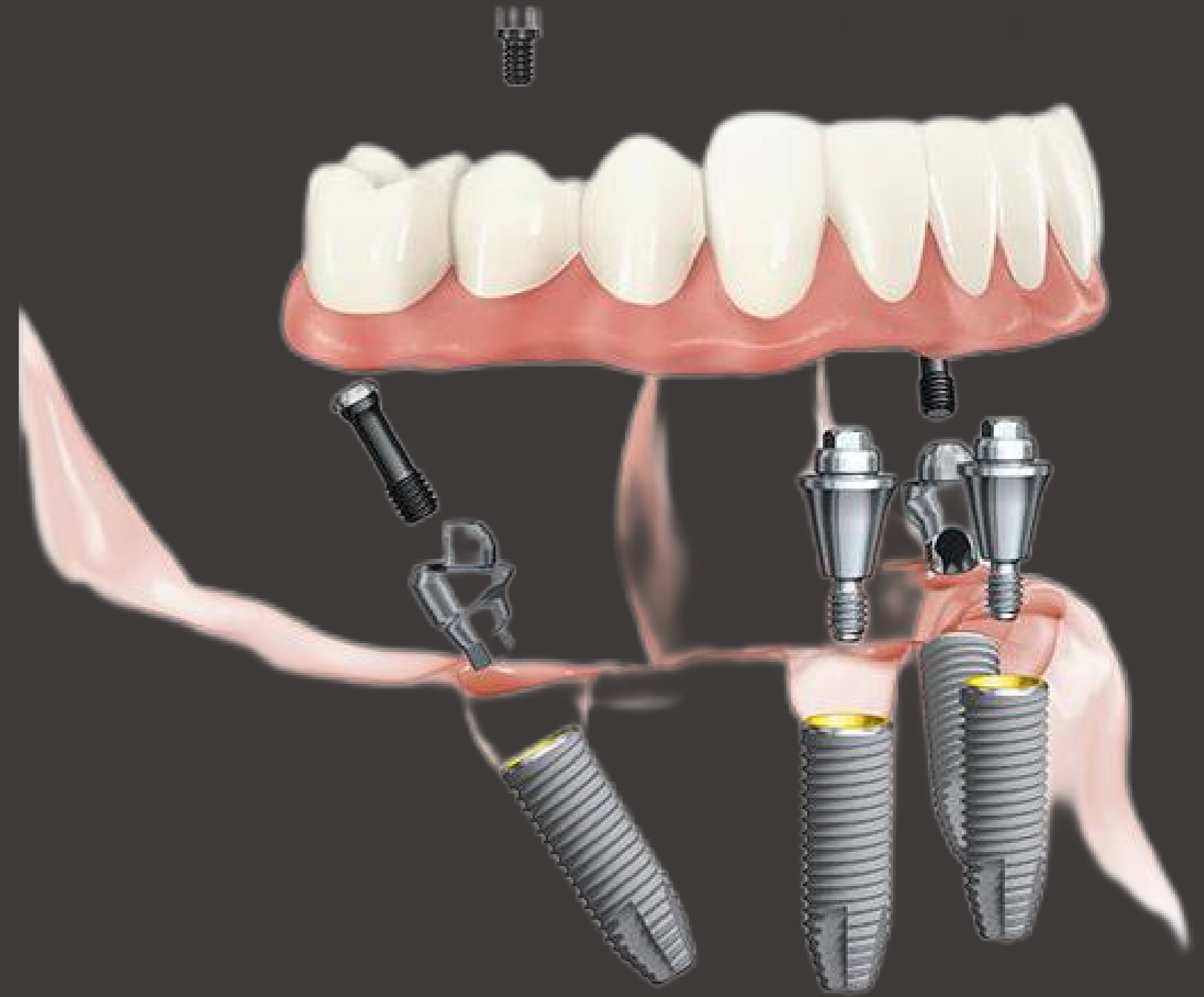
The healing cap serves a protective function, preventing the entry of food residues and foreign debris into the abutment connection area.  
Facilitates natural healing of soft tissues and the formation of soft tissue closure around the neck of the implant.

## HEALING CAP



- ① Has a protective function
- ② Facilitates natural healing of soft tissues and the formation of soft tissue closure around the neck of the implant

MORE  
**IMPLANT  
SYSTEM**



**Dentium**  
For Dentists By Dentists

**Nobel Biocare**

**OSSTEM**  
IMPLANT

**straumann**

**NeoBiotech**  
Combination to Dentistry

**XiVE**

**HIOSSEN**

**bicon**  
DENTAL IMPLANTS

**DIO**  
IMPLANT

**BEGO**

**AlphaBio**

**CORTEX**  
dental implants

**DENSPLY**  
IMPLANTS

**biodenta**

**ASTRA TECH**  
IMPLANT SYSTEM

**ADIN**

**Zimmer**

**Anthogyr**

**C-TECH**  
CENTURY IMPLANT TECHNOLOGIES

**Bioconcept**

**MIS**  
MAKE IT SIMPLE

**B&B DENTAL**  
IMPLANT SYSTEM

**BIOHORIZONS**

**ANKYLOS**

**MEGAGEN**  
美格登

**camlog**

**CSM**

**WEGO**

**ZUGA**

**ICX**

**DENTIS**  
IMPLANT

**SIC**  
Schiff Instrumente GmbH

**SNUCONE**

**Cowellmedi**

More ...

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CHIRIMEN®  
智立能

#02

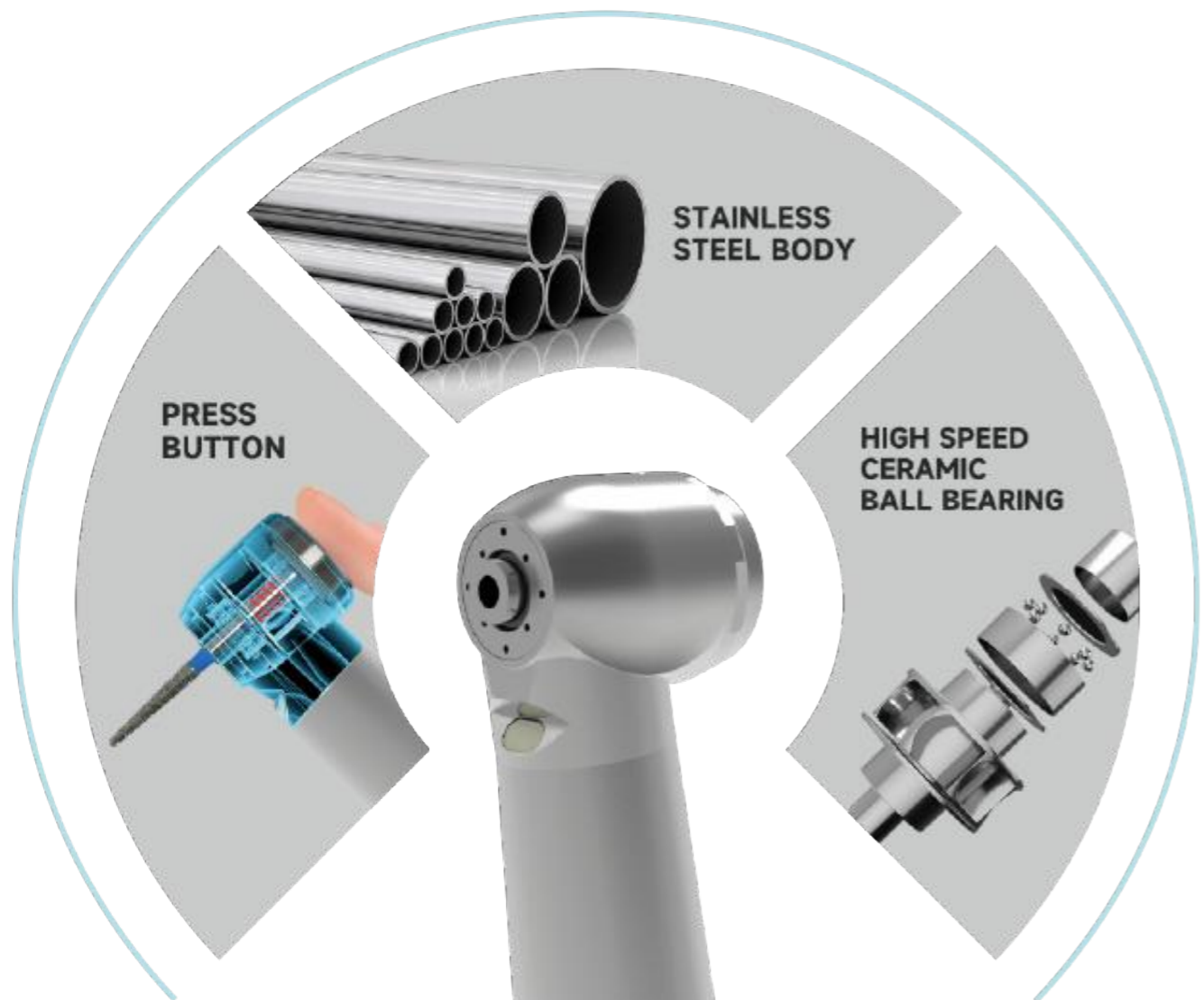
# DENTAL HANDPIECE



**CM**<sup>+</sup>  
DR.TURBO  
CHIRIMEN



**DR. TURBO · FOCUS R&D**



**STRONG POWER**  
**DURABLE & STABLE**

**DR. TURBO**

**DENTAL**  
**HIGH-SPEED**  
**HANDPIECE**  
**SERIES**



## PRODUCT PARAMETERS

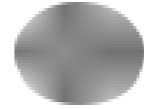
Model No.	MQ L1, MU L1, MU L2	SQ L1, SQ L2, SQ L3 SU L1, SU L2, SU L3	BQ L1, BQ L2
	Mini Head	Standard Head	Big Head
Operating Air Pressure	0.20MPa ~ 0.25MPa	0.25MPa ~ 0.30MPa	0.30MPa ~ 0.35MPa
Speed	350,000-450,000 RPM	300,000-400,000 RPM	250,000-350,000RPM
Install and Uninstall	Press Button		
Burs Type	ISO 1797-1 Type 3, YY 1045-2021 Type 4/5 (Φ1.59~1.60mm Burs)		
	Short Shank Burs/Standard Burs	Standard Burs	Long Burs
Interface	ISO 9168:2009 Type 2, YY/T 0514-2018 Type 2 (4 holes) Model No. with Q, means comes with quick connector		
Lighting	Lighting		

## ACCESSORIES

big Catridge



big Cap cover



big Wrench



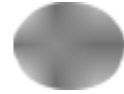
Sealing Ring (for bearing)



Standard Catridge



Standard Cap cover



Standard Wrench



Sealing Ring (for cap cover)



Mini Catridge



Mini Cap cover



Mini Wrench

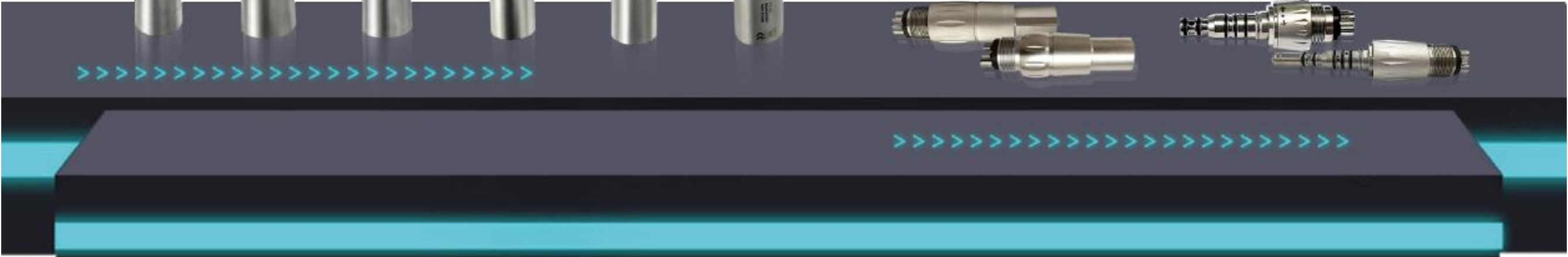


[WWW.CHIRIMENTECH.COM](http://WWW.CHIRIMENTECH.COM)

**HIGH-SPEED HANDPIECE SERIES**  
**MAKE YOUR OWN COMBINATION**

NSK 4/6HOLE

KAVO 4/6HOLE



DR. TURBO

# DENTAL LOW-SPEED IMPLANT HANDPIECE SERIES



1:5

LOW SPEED  
IMPLANT HANDPIECE



1:4.2

LOW SPEED  
IMPLANT HANDPIECE

- ▶ CERAMIC BEARING
- ▶ INSIDE WATER TUBE  
- 4 POINT WATER SPRAY
- ▶ FIBER OPTIC LIGHTING
- ▶ INTERFACE: E-TYPE
- ▶ STAINLESS STEEL BODY



20:1

LOW SPEED  
IMPLANT HANDPIECE

- ▶ CERAMIC BEARING
- ▶ OUTSIDE WATER TUBE  
- SINGLE WATER SPRAY
- ▶ FIBER OPTIC LIGHTING
- ▶ INTERFACE: E-TYPE
- ▶ STAINLESS STEEL BODY

135°C  
Autoclavable to temperature of 135 degree

It can be cleaned in a thermal disinfectant

DR. TURBO

# DENTAL LOW-SPEED IMPLANT HANDPIECE SERIES



QUIET AND DURABLE



+ HIGH SPEED  
CERAMIC  
BALL BEARING



+ CHUCK TYPE:  
PUSH BUTTON



+ STAINLESS  
STEEL BODY



+ INTERFACE:  
E-TYPE

**CHIRIMEN<sup>®</sup>**  
智立能

**CM<sup>+</sup>**  
DR.TURBO  
CHIRIMEN

**SHENZHEN CHIRIMEN TECHNOLOGY CO., LTD**



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Economic Development Zone, Shanwei City, Guangdong, China**

#03

DENTAL  
**SURGICAL**  
**INSTRUMENTS**

# PHOTOELECTRIC COLOR COMPARATOR

Strong Resistance to Light Interference



The color matching of teeth is influenced by many factors, which makes clinical operations very challenging.



The traditional color matching process is slow, with an accuracy rate of only 67.5%.



The device greatly improves the color matching speed and achieves an accuracy rate of 92.5%.



**MORE EFFICIENT, MORE CONVENIENT**

# IMPLANT STABILITY METER



**EASY TO USE**  
**INTELLIGENT SECURITY**  
**OPERATION CONVENIENCE**



# DENTAL CURING LIGHT



1. HIGH POWER LED, PROFESSIONAL DENTAL SPECTRUM
2. BIONIC DESIGN, LCD DISPLAY
3. OPTIONAL WORKING MODE
4. SOLIDIFYING TIME: 5-60S, CAN BE ADJUSTABLE

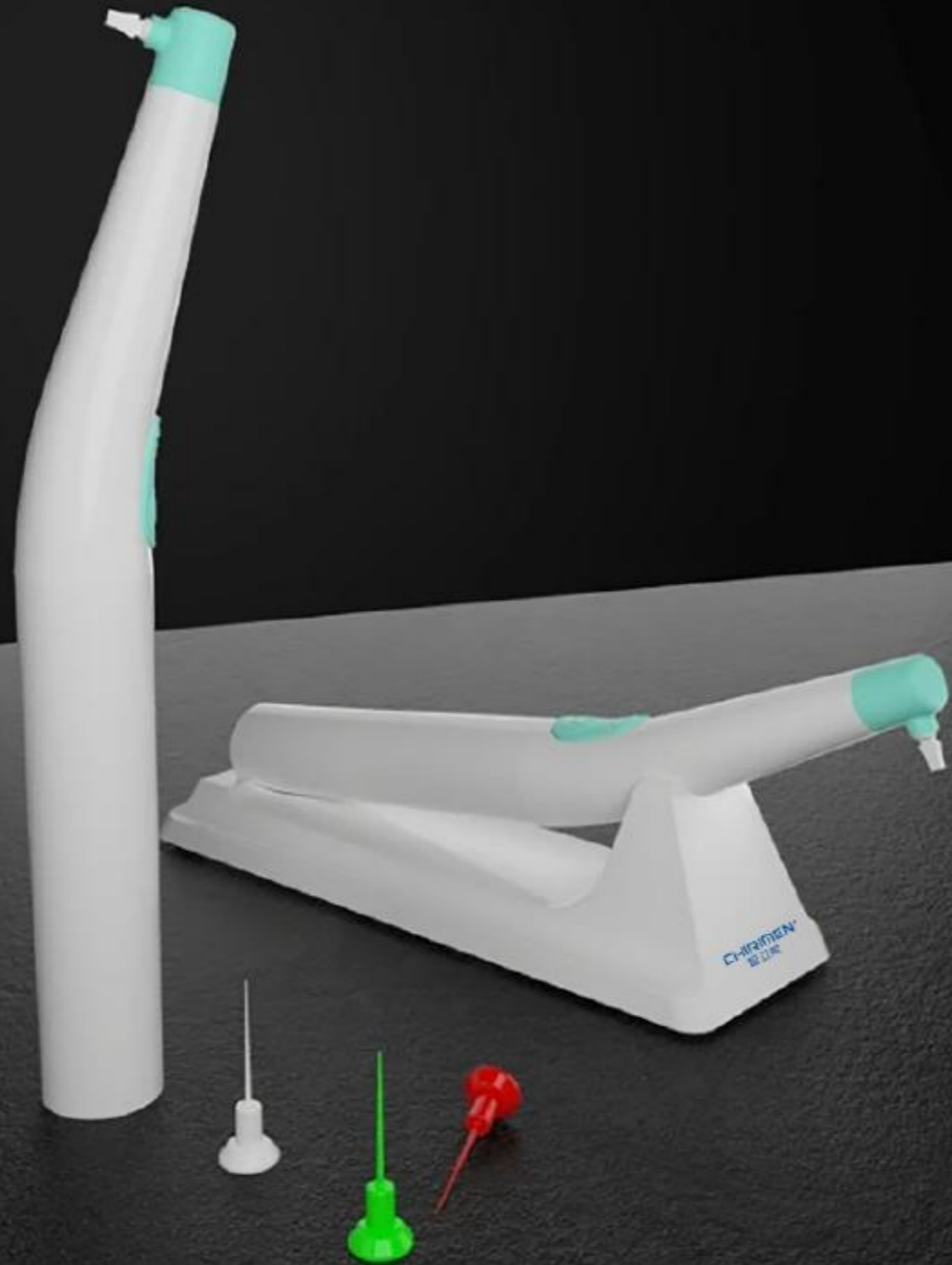


# IMPLANT LOCATOR

Quick Positioning  
minimally invasive Treatment  
convenient To Use



Accurately Detect The Position  
of The Implant-abutment Screw  
covered By The Gum Tissue.



## ENDO ACTIVATOR



**POLYMER ACTIVATOR TIPS  
SOFT AND BENDABLE  
NO BROKEN NO CUTTING**

# ENDODONTIC ROTARY MOTOR

16:1

ROOT CANAL TREATMENT



## STRONG DRIVING FORCE

THE EQUIPMENT WILL AUTO-REVERSE  
OR AUTO REVERSE & STOP  
AUTO-STOP ACCORDING TO DIFFERENT  
TORQUE AND RESISTANCE



# DENTAL IMPLANT TORQUE WRENCH



## High Torque

Torque range:  
50 45 40 35 30 25 20 15 10 5

## High Accuracy

Accuracy <3Ncm

## More Stable

Ensure the implant can be  
placed successfully  
Torque is less affected by  
bone elasticity

# ELECTROSURGERY UNIT

The effective helper for dentists



## PRODUCT HIGHLIGHTS

Safe

Convenient

Professional

Efficient



Gingivectomy



Crown lengthening



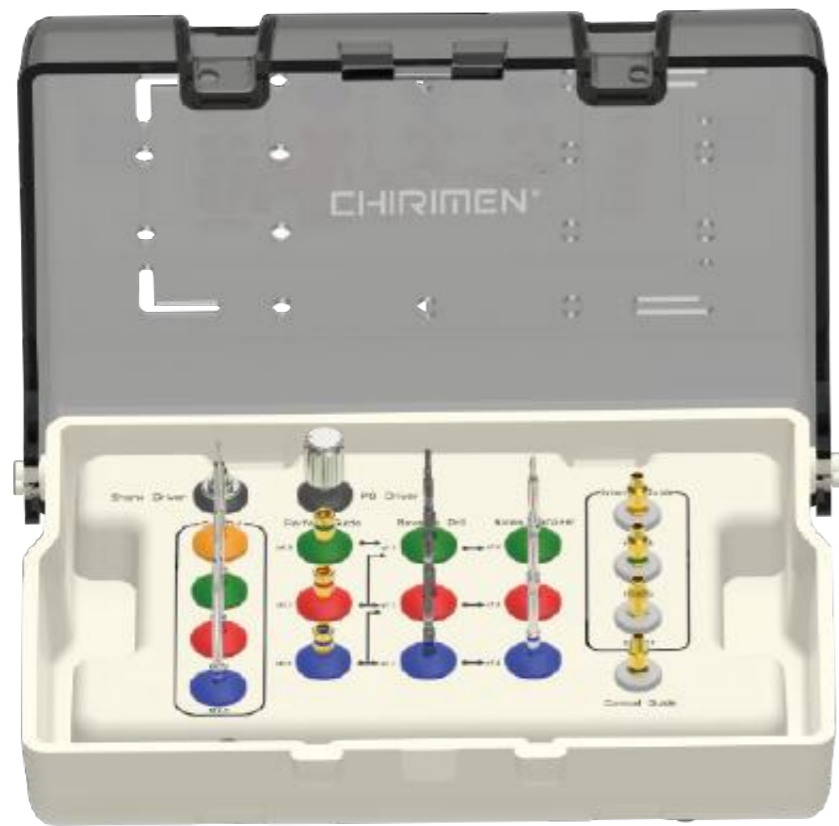
Exposure of impacted tooth

#04

DENTAL  
TOOLS



# DENTAL SCREW EXTRACTOR TOOLKIT



## Broken Screw Extractor



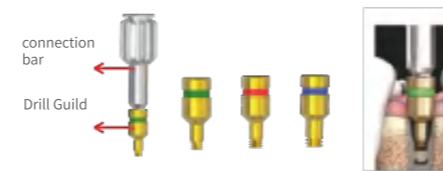
## Orthopedic Drill



## Screw Extractor



## Orthopedic Drill Guide



## Orthopedic Guide



# MULTI-UNIT RESTORATION TOOL KIT

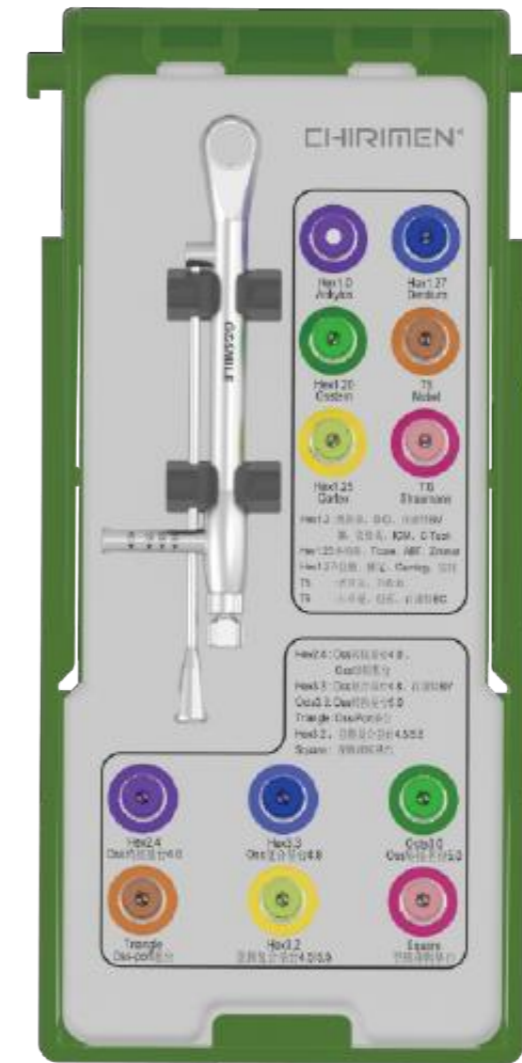
Universal wrench | Screwdriver carrier



Multi-unit restoration screwdriver



Regular restoration screwdriver



# UNIVERSAL PROSTHETIC KIT FOR MANUAL USE



Orthopedic Guide



















25mm



20mm

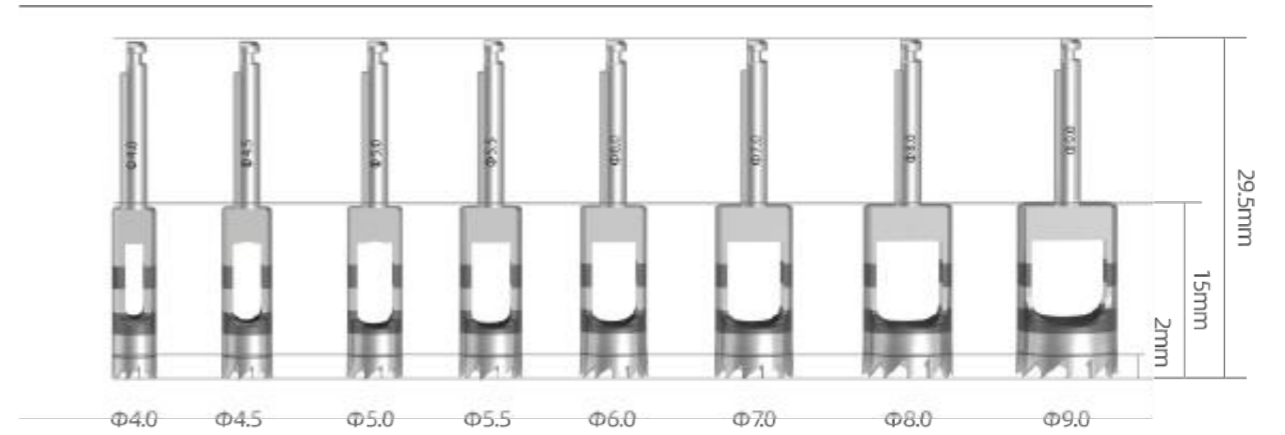
# UNIVERSAL PROSTHETIC KIT FOR HANDPIECE

Specification	30mm	Specification	23.5mm
T6 Straumann		T6 Straumann	
T5 Nobel		T5 Nobel	
Hex1.4 ICX		Hex1.4 ICX	
Hex1.27 Dentium		Hex1.27 Dentium	
Hex1.25 Cortex		Hex1.25 Cortex	
Hex1.2 Osstem		Hex1.2 Osstem	
Hex1.19 Anthogyr		Hex1.19 Anthogyr	
Hex1.0 Ankylos		Hex1.0 Ankylos	

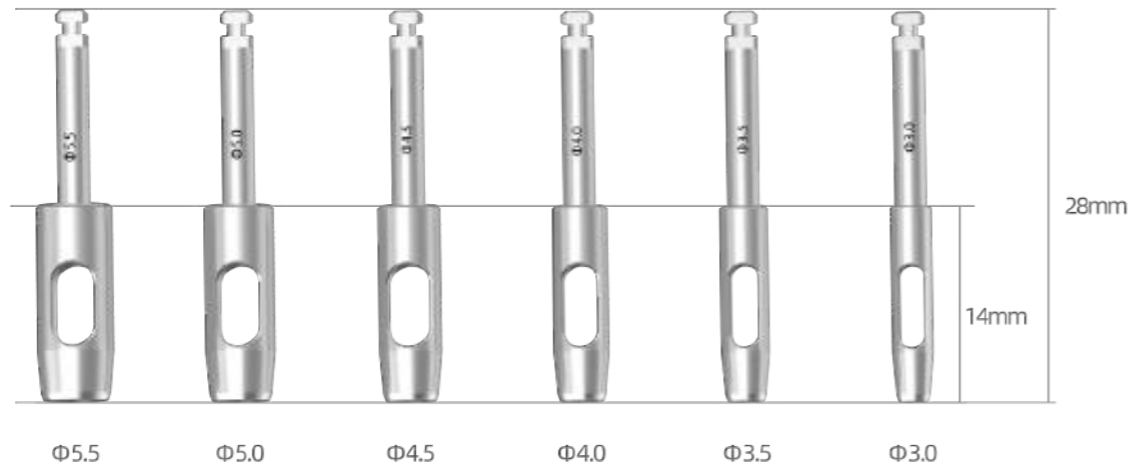


Adapter

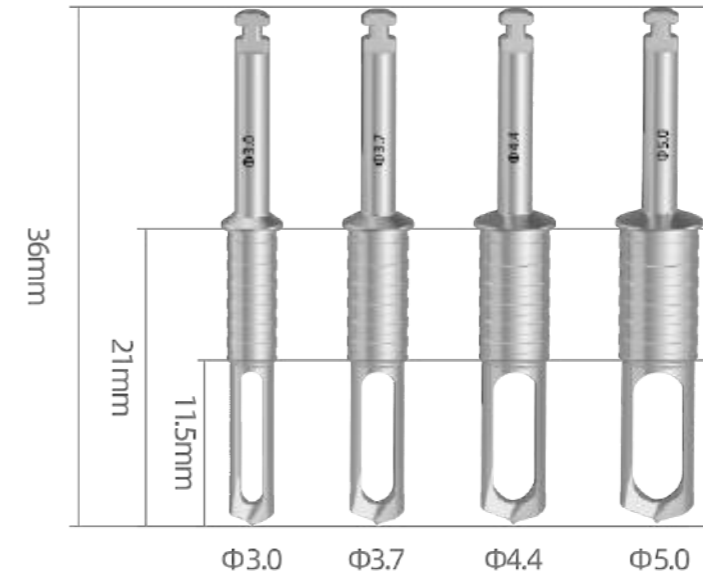
# DENTAL TREPHINE DRILL KIT



# DENTAL GINGIVAL RING CUTTER TOOLKIT











# DENTAL BONE COLLECTOR TOOLKIT



Stopper 10mm



# SCREWDRIVER KIT

Color	Number	Implant System	Compatible
	Hex1.27	Dentium	Dentium/Adin/Camlog
	Hex1.20	Osstem	Osstem/DIO UF/C-Tech/MIS/3i/Megagen/ICM/T-PLUS
	T6	Straumann	Straumann/Tsim/Bioconcept/DIO
	T5	Nobel Biocare	Nobel Biocare/DentalMaster/Basic
	Hex1.40	ICX	ICX
	Hex1.0	Ankylos	Ankylos
	Hex1.25	Anthogyr	Anthogyr/Snucone
	Hex0.9	Xive	Xive

Compatible with mainstream implant brands  
Strong compatibility, precise, and anti-slip design. Stainless steel material lasts for a long life.



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