



DENTAL CAD/CAM

CATALOGUE 2026

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



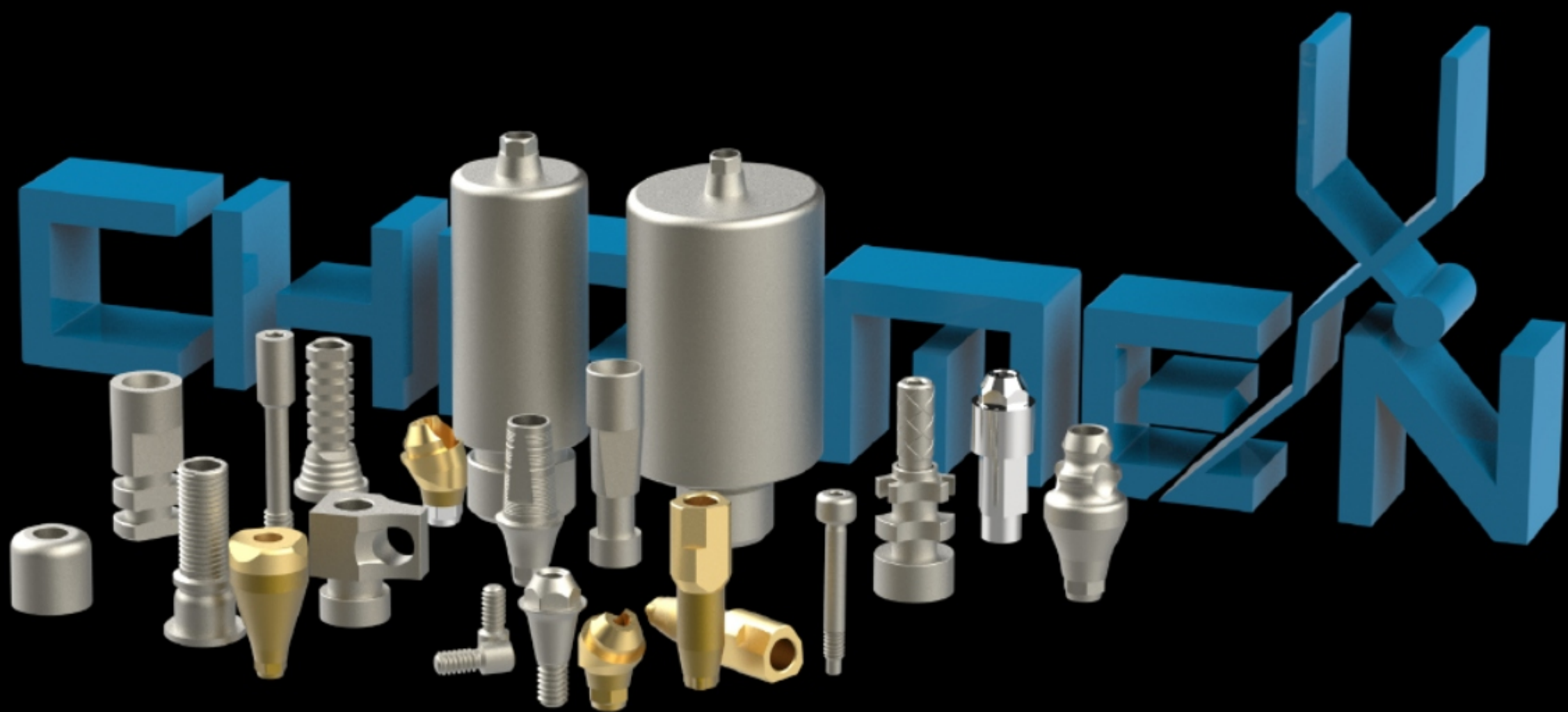
OUR TEAM

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



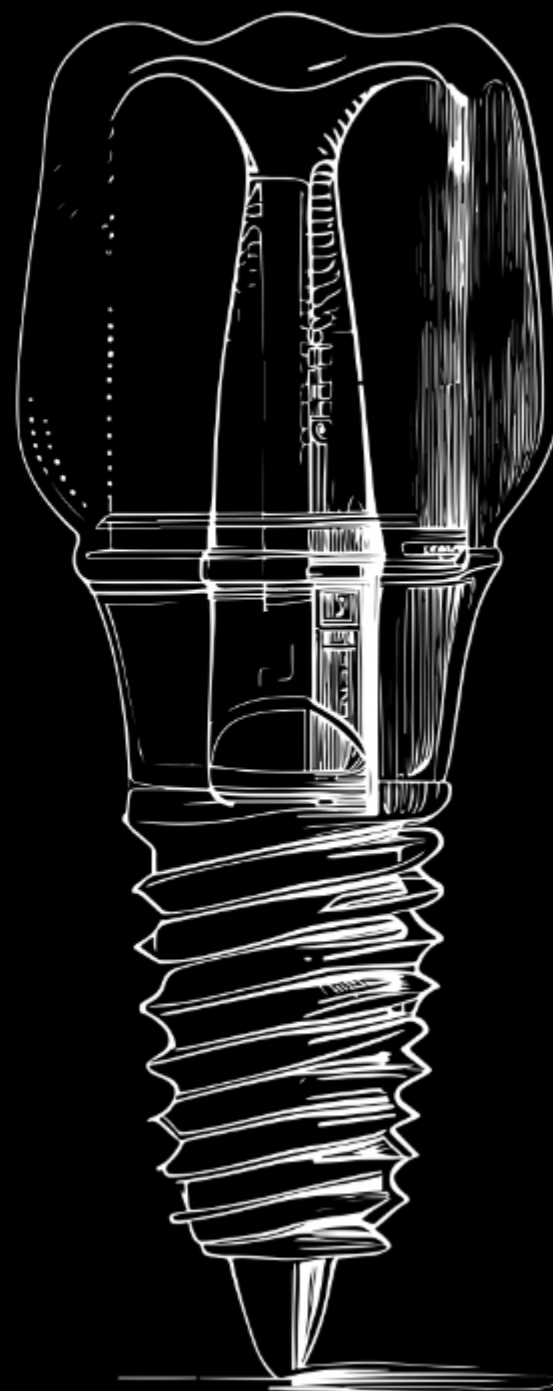
PART

01

SHENZHEN CHIRIMEN TECHNOLOGY CO., LTD



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



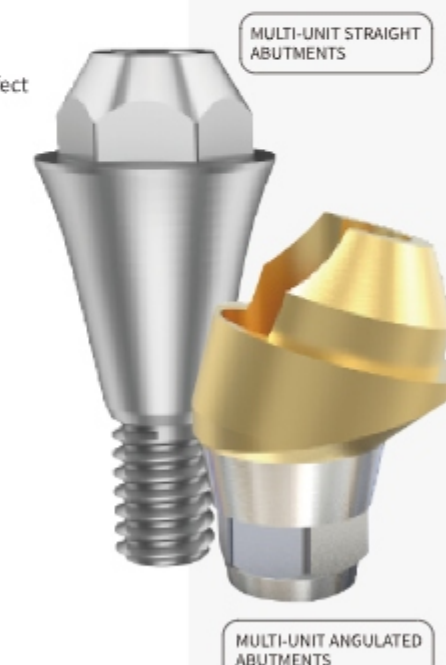
No need for analog



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



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



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

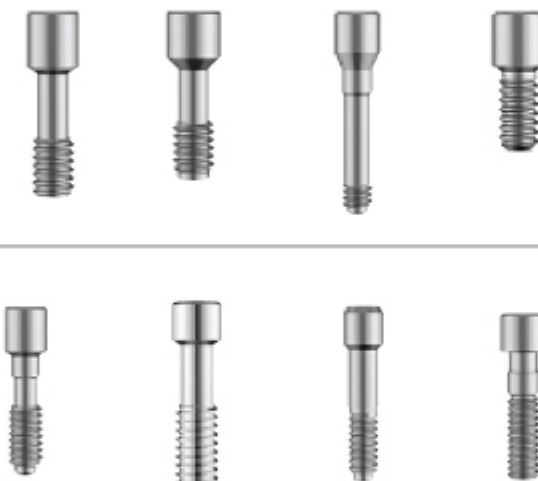
TI-BASE (HEX/NON-HEX)

- 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



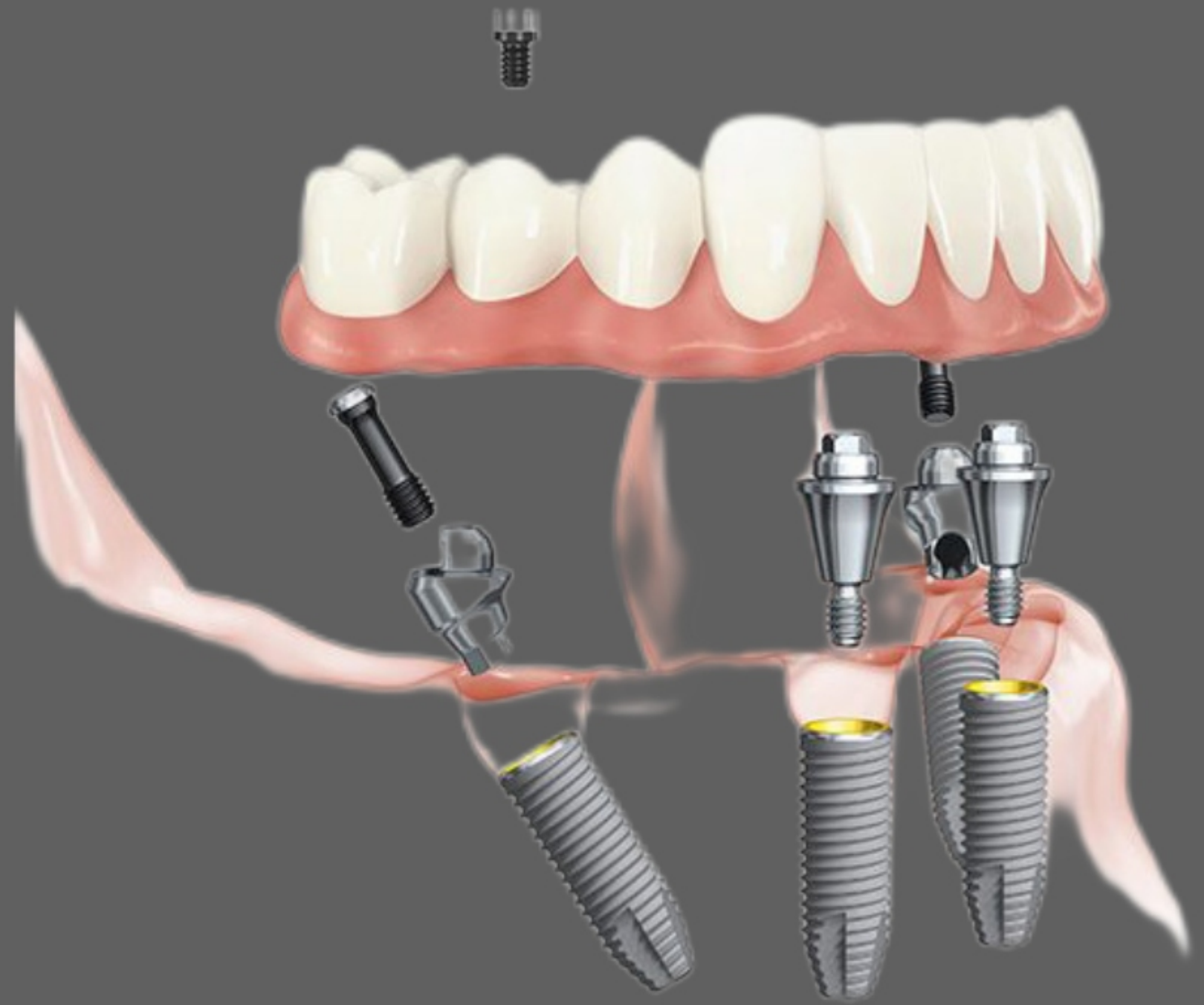
The healing cap serves a protective function, preventing the entry of food residues and foreign debris into the abutment connection area.
Facilitates natural healing of soft tissues and the formation of soft tissue closure around the neck of the implant.

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
Satisfaction to Dentists

XiVE[®]

HIOSSEN

bicon
DENTAL IMPLANTS

DIO[®]
IMPLANT

BEGO

AlphaBio[®]
Implantology

CORTEK
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 COMPANY

BIOHORIZONS[®]

ANKYLOS[®]

MEGA[®]GEN
ALUMINUM 美格真

camlog

CSM

WEGO

ZUGA

ICX
medentia

DENTIS
IMPLANT

Schülke
Implantology
Circle **SIC[®]**

SNUCONE

Cowellmedi

More ...

PART

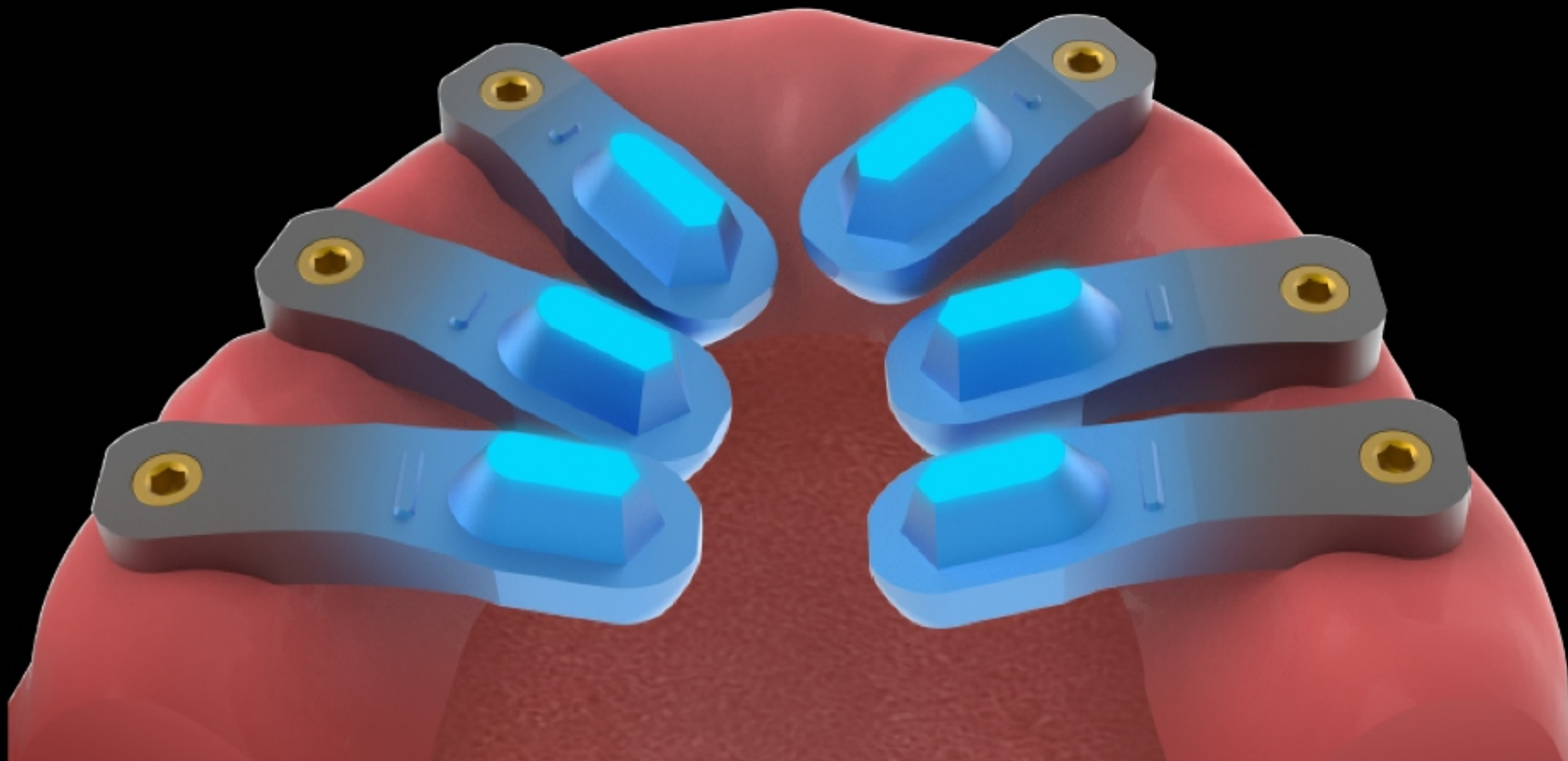
02

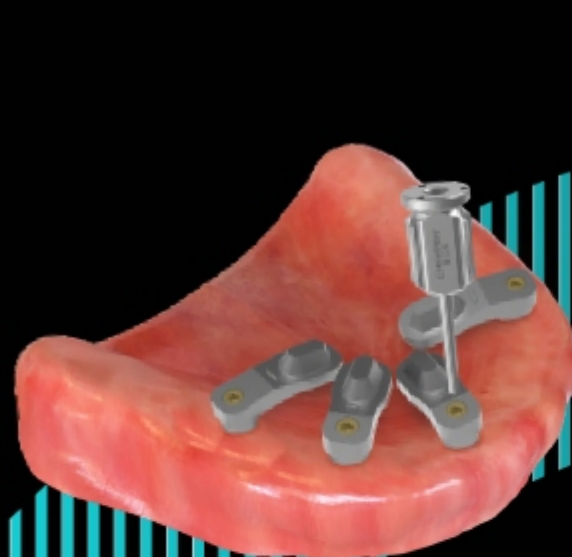
SHENZHEN CHIRIMEN TECHNOLOGY CO., LTD



FULL ARCH RECONSTRUCTION
DATA ACQUISITION SYSTEM

AI-POWERED **EDENTULOUS JAW SCANNING**





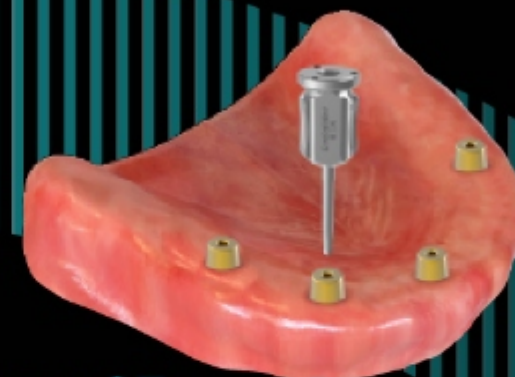
STEP 01

Install the scan body onto the multi-unit abutment.



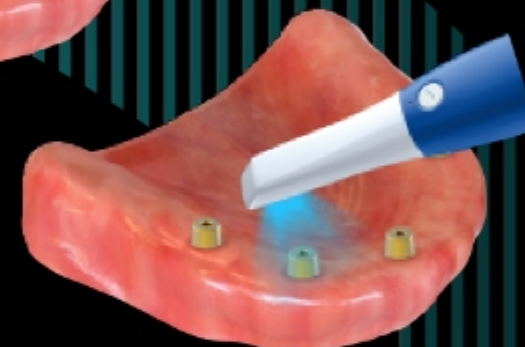
STEP 02

Focus the scan on the center area.



STEP 03

Install the HS cap onto the multi-unit abutment.



STEP 04

Scan to capture gingival soft tissue reference points.



With the rapid development of digital dentistry, edentulous implant restorations have entered an era of precision and immediacy. Intraoral photogrammetry systems, as key tools for implant positioning, utilize photogrammetric technology to achieve fast and accurate measurement of implant positions, significantly improving the efficiency of full-arch implant data acquisition.

In edentulous patients, implants are often widely distributed, and the large distances between adjacent scanbodies and limited anatomical landmarks can lead to layered or distorted scan data. Additionally, digital impressions can introduce errors during image stitching, especially because the edentulous alveolar ridge lacks anatomical reference points suitable for capturing point cloud data. As a result, clinicians still face challenges such as insufficient scanning accuracy and data distortion when handling edentulous cases.

The newly launched UltraFit Scan addresses these issues. **By combining encoded scanbody and healing cap technologies, it is specifically designed for immediate edentulous implant restorations and can effectively assist in scanning soft tissue in immediate full-arch cases.**



UltraFitScan Kit

The core advantages of the UltraFit Scan are precise implant localization and improved intraoral scanning accuracy, ensuring implant positions and angles closely match the patient's oral anatomy.

Assisted scanning:

Addresses the lack of reference points in edentulous areas, helping the scanner capture more complete jawbone and mucosal data.

Data accuracy:

Directly links to the implant plan, reducing errors common with traditional impressions and providing reliable data for prosthesis fabrication.

Ease of use:

Eliminates the need for traditional impression taking and casting, streamlining the workflow and shortening patient chair time.

UltraFitScan

UF-A (M1.4/M1.6)



UltraFitScan

UF-B (M1.8/M2.0)



KEY BENEFITS

Full Arch Reconstruction Data Acquisition System



ACCURATE

Accurate Data Acquisition

Capture high-precision scan data with an **error $\leq 0.01\text{mm}$** , faithfully reflecting the true implant position.

AI-powered scanning technology for edentulous arches precisely determines implant placement, streamlining the restoration process.



UNIVERSAL

Greater System Compatibility

The UltraFitScan scanning body is **compatible with any intraoral scanner**.

The UF-A and UF-B tool kit sets are **compatible with over 95% of implant systems on the market**.



PREMIUM

High-Standard Manufacturing

Made from **TC4 ELI titanium alloy** using integrated forming and high-precision machining with tolerances within 0.005mm . Features a titanium central screw and a titanium nitride-coated protective cap.

Easy to clean and disinfect, with enhanced hardness and corrosion resistance, reducing inflammation risk and extending service life.

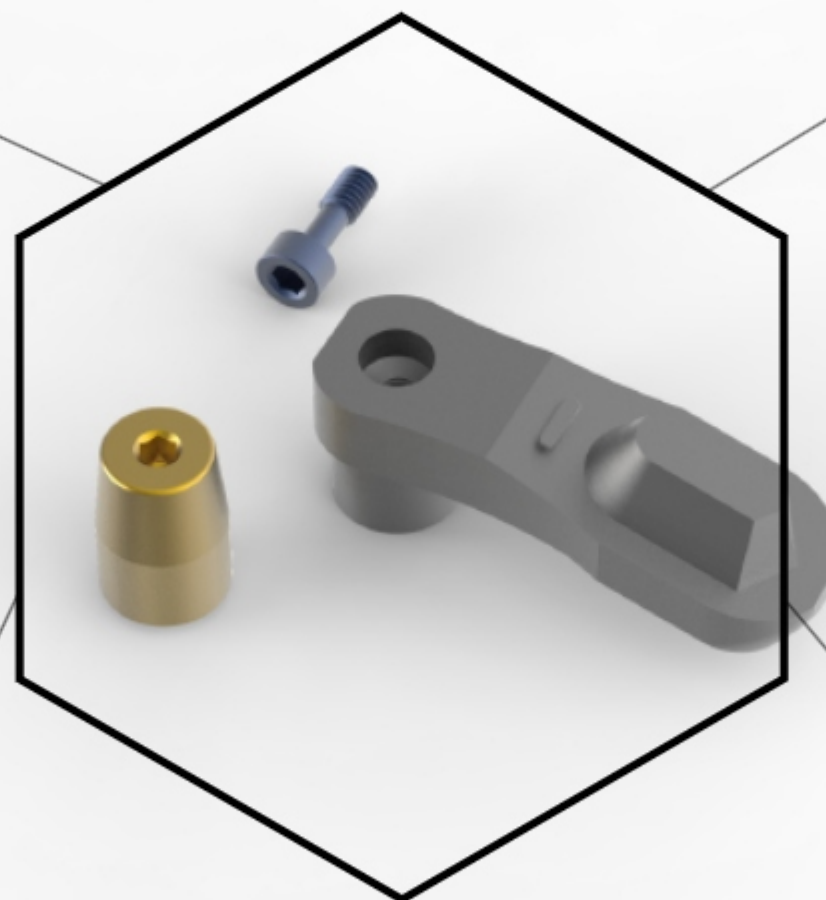


EFFICIENCY

Flexible Options

Reduces the intraoral scanning area—only the markers need to be scanned—**minimizing scan time and improving efficiency**.

Available in multiple **sizes (S, M, L)** to accommodate different implant positions and anatomical structures for optimal clinical flexibility.



UltraFitScan
Full Arch Reconstruction Data

COMPATIBLE OPERATING SYSTEM



This list only includes some of the compatible systems.
For compatibility with more systems, please contact us.

UF-A

(M1.4x0.3)



Thread diameter 1.4mm
Thread distance 0.3mm

AB

AB AB-MU45

ADIN

ADIN AD-MU49

Anthogyr

AXIOM ANG48

BOMET 3i

3i 3i-MU48

B&B DENTAL

B&B DENTAL BB-MU50

CORTEK

CORTEK CTX-MU50

C-TECH

C-TECH CT-MU50

DentalMaster

DENTALMASTER BCT-MU48

Nobel Biocare

NOBEL NB-MU48

DENTIS

DENTIS DTS-MU48-N

ICX

ICX ICX-MU48

MEGAGEN

MEGAGEN MEG-MU48-L

Neo Biotech

NEO BIOTECH NEO-MU48

OSSTEM

OSSTEM OST-TS-MU48

SNUC

SNUCONE SNUC-MU45

straumann

STRAUMANN BNL-MU46

CANSUN

CANSUN KS-MU50

NEODENT

NEODENT ND-MU48

J DENTAL CARE

JDENTAL CARE JD-MU48

UF-A

(M1.6x0.35)



Thread diameter 1.6mm
Thread distance 0.35mm

camlog

CAMLOG CAL-MU43

DENTIN

DENTIN DTN-MU48

MIS

MIS MIS-MU45/48

WEGO

WEGO WEG-MU45

CYBERMED

CYBERMED CB-MU48

antmed

ANTMED AT-MU45

UF-B

(M1.8x0.35)



Thread diameter 1.8mm
Thread distance 0.35mm

AlphaBio

ALPHA-BIO ABT-MU47

Bioconcept

BIOCONCEPT BIC-MU/46

Dentium

DENTIUM DT-MU45/55

Neo Biotech

NEO BIOTECH NEO-MU45

Zimmer dental

ZIMMER ZM-MU45

UF-B

(M2.0x0.4)



Thread diameter 2.0mm
Thread distance 0.4mm

DENTIS

DENTIS DTS-MU48-H

MEGAGEN

MEGAGEN MEG-MU48/58

OSSTEM

OSSTEM OST-GS-MU50/60

WaRaNTEC

WARANTEC WARA-MU49

CLC CONIC

CLCCONIC CLC-MU42

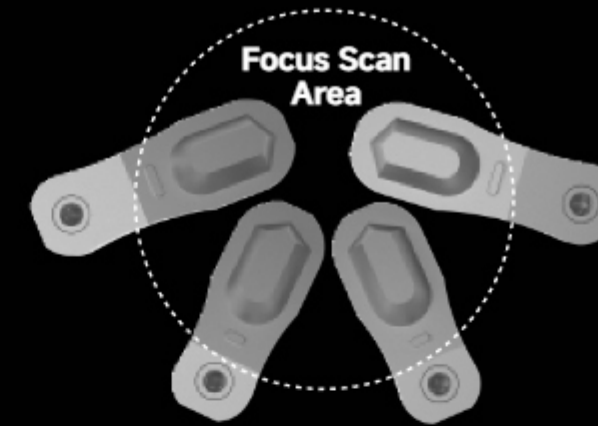


Software
Platform

<https://go.crm-ufscan.com>

After scanning the UltraFit Scanbody, import the scan data into the software platform, then match and convert the data for output. The output scan file can be imported into any dental CAD design software to design the final restoration.

Recommend to use **Google Browser**



Full Arch Reconstruction Data Acquisition System



1. INTRAORAL SCANNING

Install the scan body onto the MU abutment, then use a scanner to capture the data.

2. GINGIVAL SCANNING

Select a suitable HS cap, install it onto the MU abutment, and then use a scanner to capture the data.

3. DATA MATCHING

Import the data into the software, perform data conversion and matching, and then output the scan file.

4. DESIGN THE RESTORATION

The output scan file can be imported into any dental CAD design software to design the final restoration.

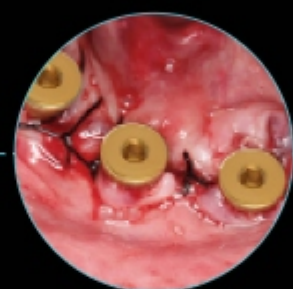


FULL ARCH RECONSTRUCTION DATA ACQUISITION SYSTEM

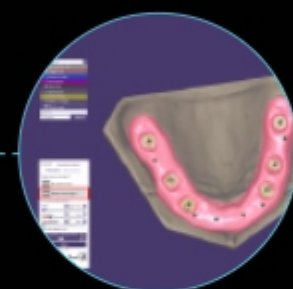
Chairside Immediate Restoration Process



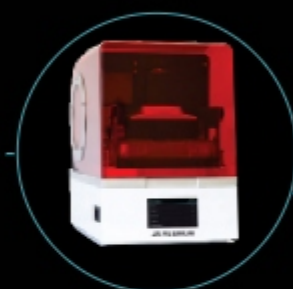
Scan UF Scanbody



Scan HS Cap



Design



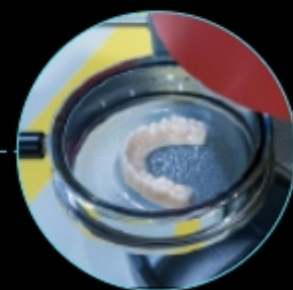
Print



Denture Placement



Curing



Post-processing



UltraFitScan
Full Arch Reconstruction Data



SERVICE HOTLINE
+86 755 22193902



WWW.CHIRIMENTECH.COM
sales1@chirimentech.com



Company Address: Room 1603, Renheng Shenzhiyuan, Intersection of Wenjin Road and Fenghuang Road, Luohu District, Shenzhen, Guangdong, China
Production Address: No. 6 Renmin East Road, Tianqian Street, Honghaiwan Economic Development Zone, Shanwei City, Guangdong, China

SHENZHEN CHIRIMEN TECHNOLOGY CO. LTD

PART

03

SHENZHEN CHIRIMEN TECHNOLOGY CO., LTD



DENTAL HANDPIECE





DR. TURBO · FOCUS R&D



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 (Φ 1.59~1.60mm 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

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



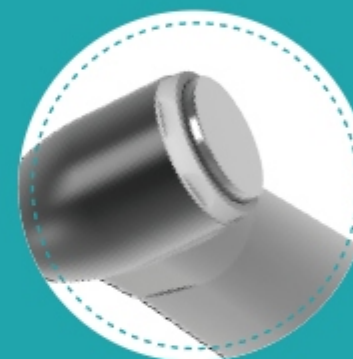
QUIET AND DURABLE



+ HIGH SPEED
CERAMIC
BALL BEARING



+ STAINLESS
STEEL BODY



+ CHUCK TYPE:
PUSH BUTTON



+ INTERFACE:
E-TYPE

PART

04

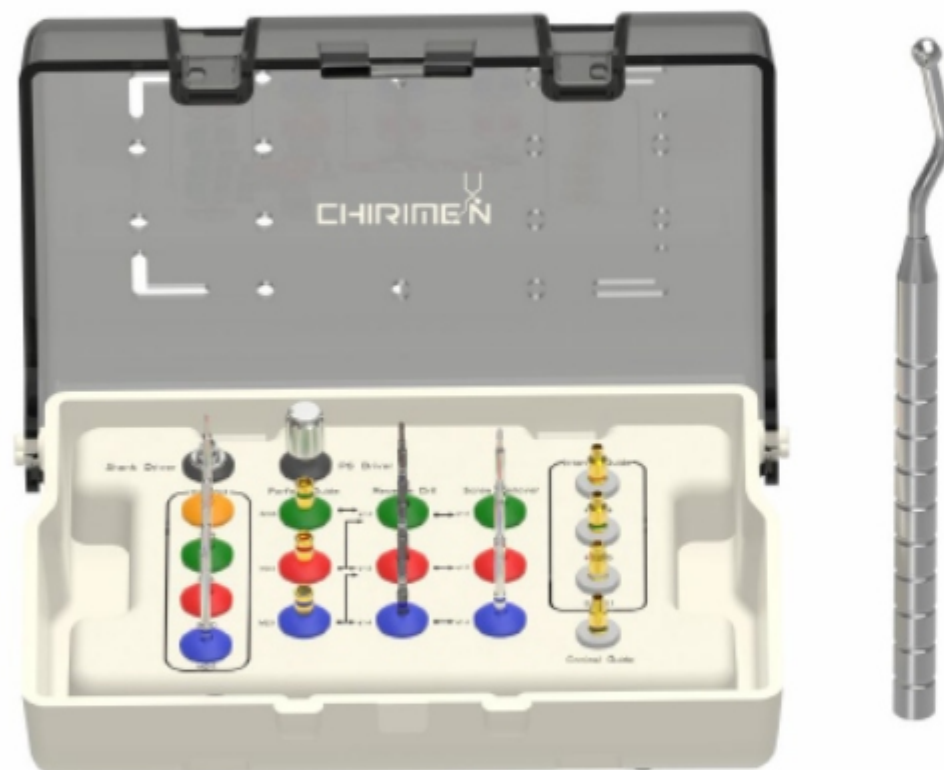
SHENZHEN CHIRIMEN TECHNOLOGY CO., LTD



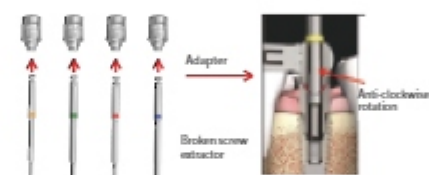
DENTAL TOOLS



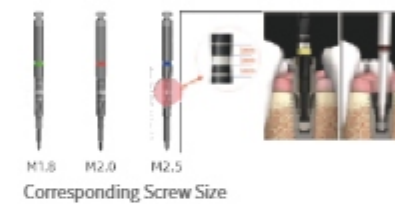
DENTAL SCREW EXTRACTOR TOOLKIT



Broken Screw Extractor



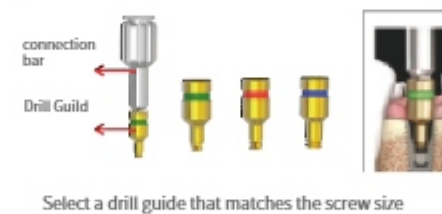
Orthopedic Drill



Screw Extractor



Orthopedic Drill Guide



Orthopedic Guide



100



UNIVERSAL PROSTHETIC KIT FOR MANUAL USE



Orthopedic Guide



25mm



20mm

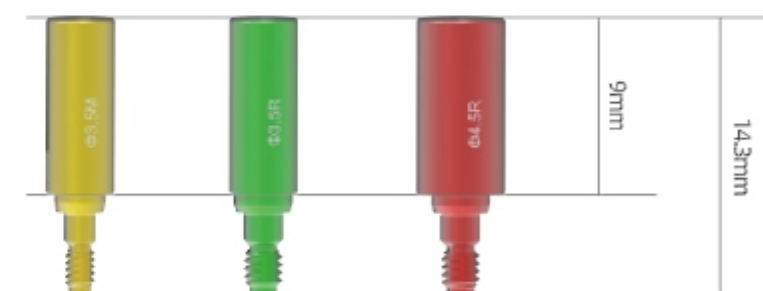
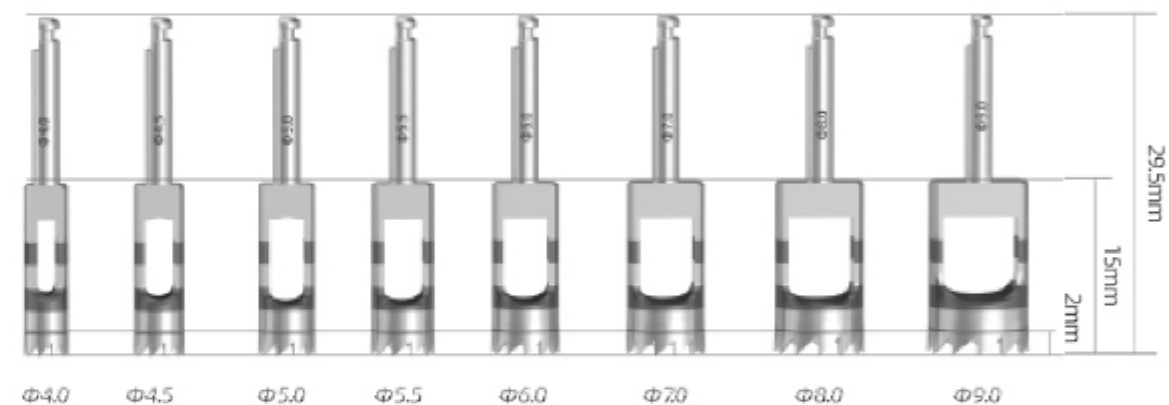
UNIVERSAL PROSTHETIC KIT FOR HANDPIECE

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	

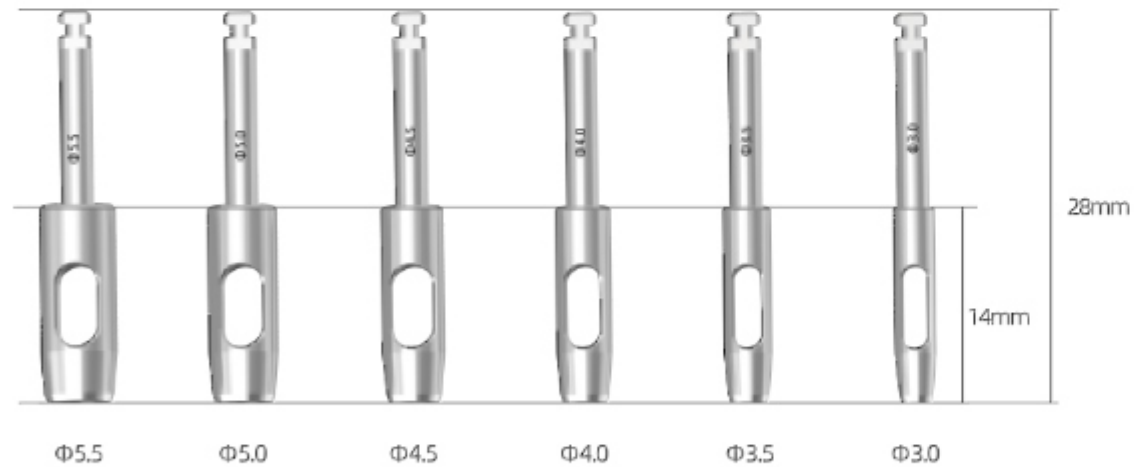


Adapter

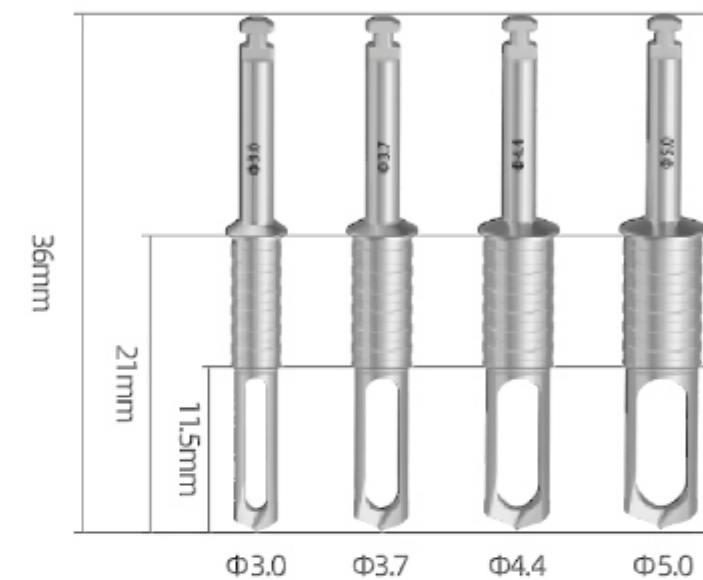
DENTAL TREPHINE DRILL KIT



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
	Hex1.25	Cortex	ABT/Dentis/Biodenta/Bego/Cortex /Ticare
	Hex1.0	Ankylos	Ankylos
	Hex0.9	Xive	Xive

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



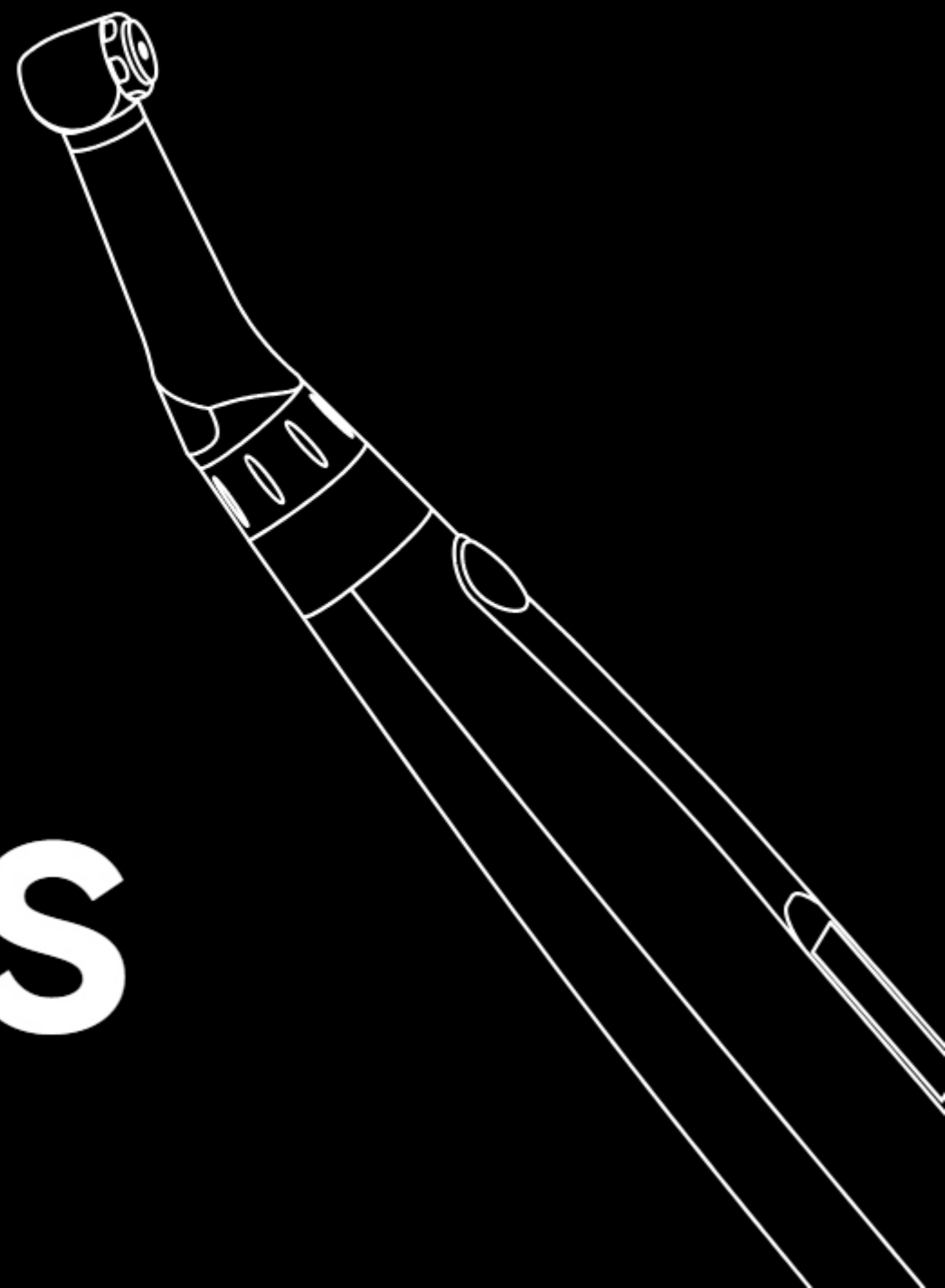
PART

05

SHENZHEN CHIRIMEN TECHNOLOGY CO., LTD



DENTAL SURGICAL INSTRUMENTS



ENDODONTIC ROTARY MOTOR

16:1

ROOT CANAL TREATMENT



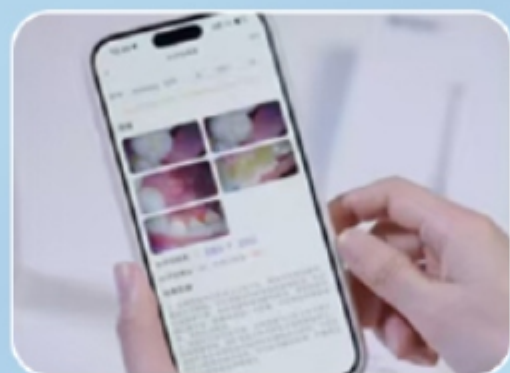
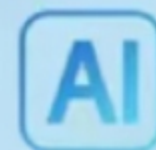
STRONG DRIVING FORCE

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



ENDOSCOPE

1Second Oral Health Assessment



A smart endoscope probe



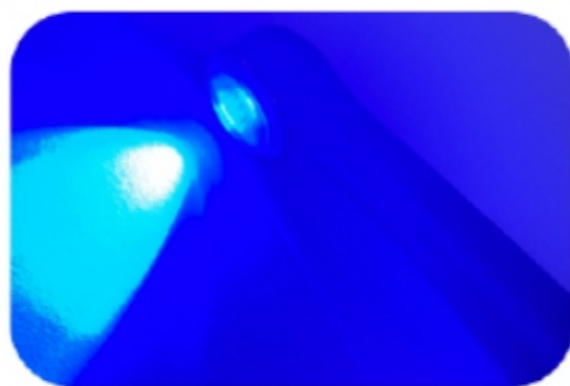
360-degree intra-oral photography



AI identification of oral diseases



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



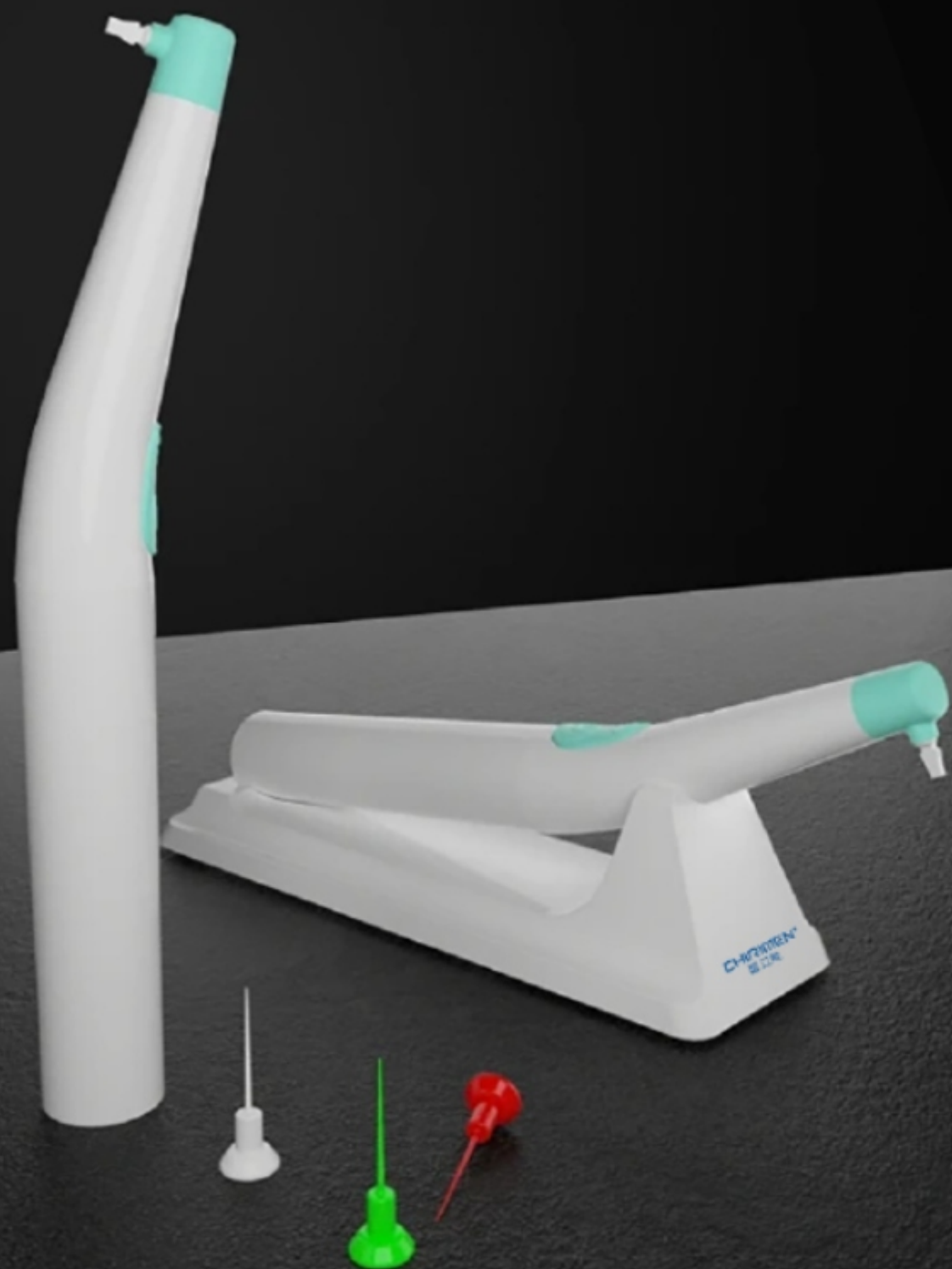
IMPLANT LOCATOR

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

IMPLANT STABILITY METER

EASY TO USE
INTELLIGENT SECURITY
OPERATION CONVENIENCE



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



SERVICE HOTLINE
+86 755 22193902



WWW.CHIRIMENTECH.COM
sales1@chirimentech.com



Company Address: Room 1603, Renheng Shenzhiyuan, Intersection of Wenjin Road and Fenghuang Road, Luohu District, Shenzhen, Guangdong, China
Production Address: No. 6 Renmin East Road, Tianqian Street, Honghaiwan Economic Development Zone, Shanwei City, Guangdong, China

SHENZHEN CHIRIMEN TECHNOLOGY CO. LTD