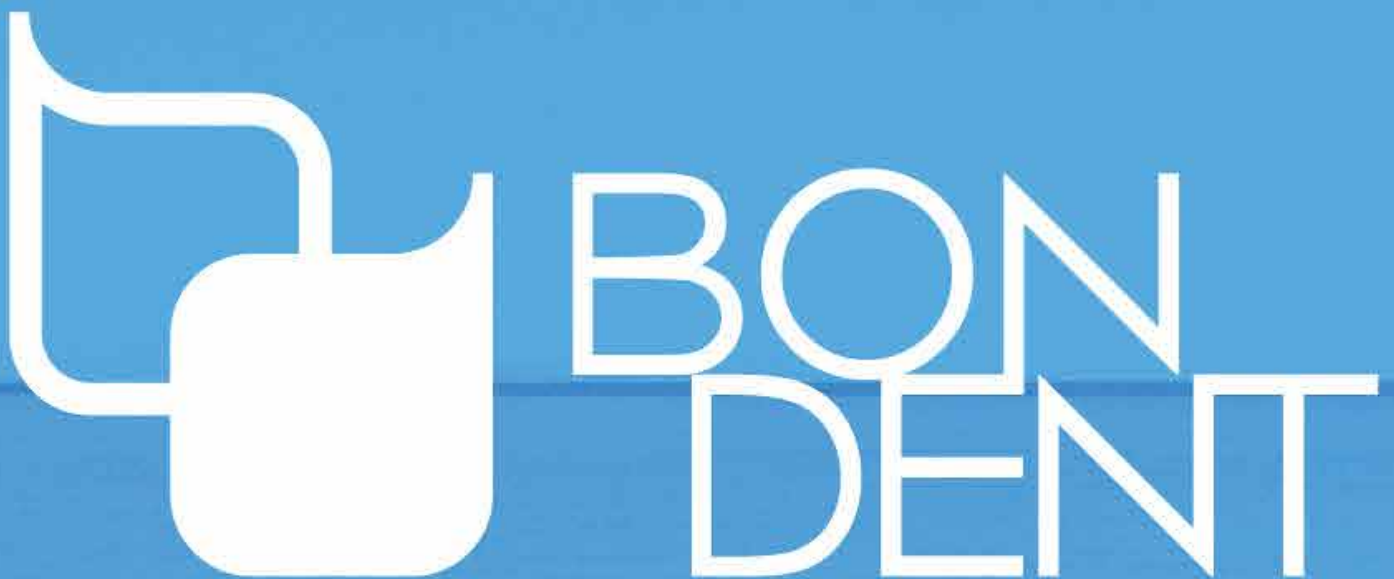


**PRODUCT CATALOGUE**

## BONDENT INTRODUCTION

Born Dental Group is a platform that provides "integrated services" for dental medical institutions. From the education and training of doctors, the introduction of foreign cutting-edge technology, to domestic independent research and development and manufacturing, the company is committed to creating a new and healthy dental medical ecosystem through industry + Internet, improving China's dental medical technology and industry level, and helping dentists succeed. It has 7 subsidiaries, 15 offices and more than 1,000 employees. Be tolerant to diversity, tolerance is a virtue. Boendent, an open and resource-converging platform, has won a good reputation in the industry with its business philosophy of "inclusive of all rivers, compatibility and inclusiveness".



## BONDENT GROUP COMPANIES



UDG a leader in manufacturing  
Endodontics & Orthodontics products



High quality endodontics  
equipments



Microscopes  
for dental applications



More pleasant and comfortable



Dental Chairs



QIN CHUANG PRECISION  
TECHNOLOGY CO., LTD



Advanced Dental  
Implant System  
manufacturer



Bondream: CBCT for imaging  
diagnosis and treatment



Dr. Clear: Orthodontics



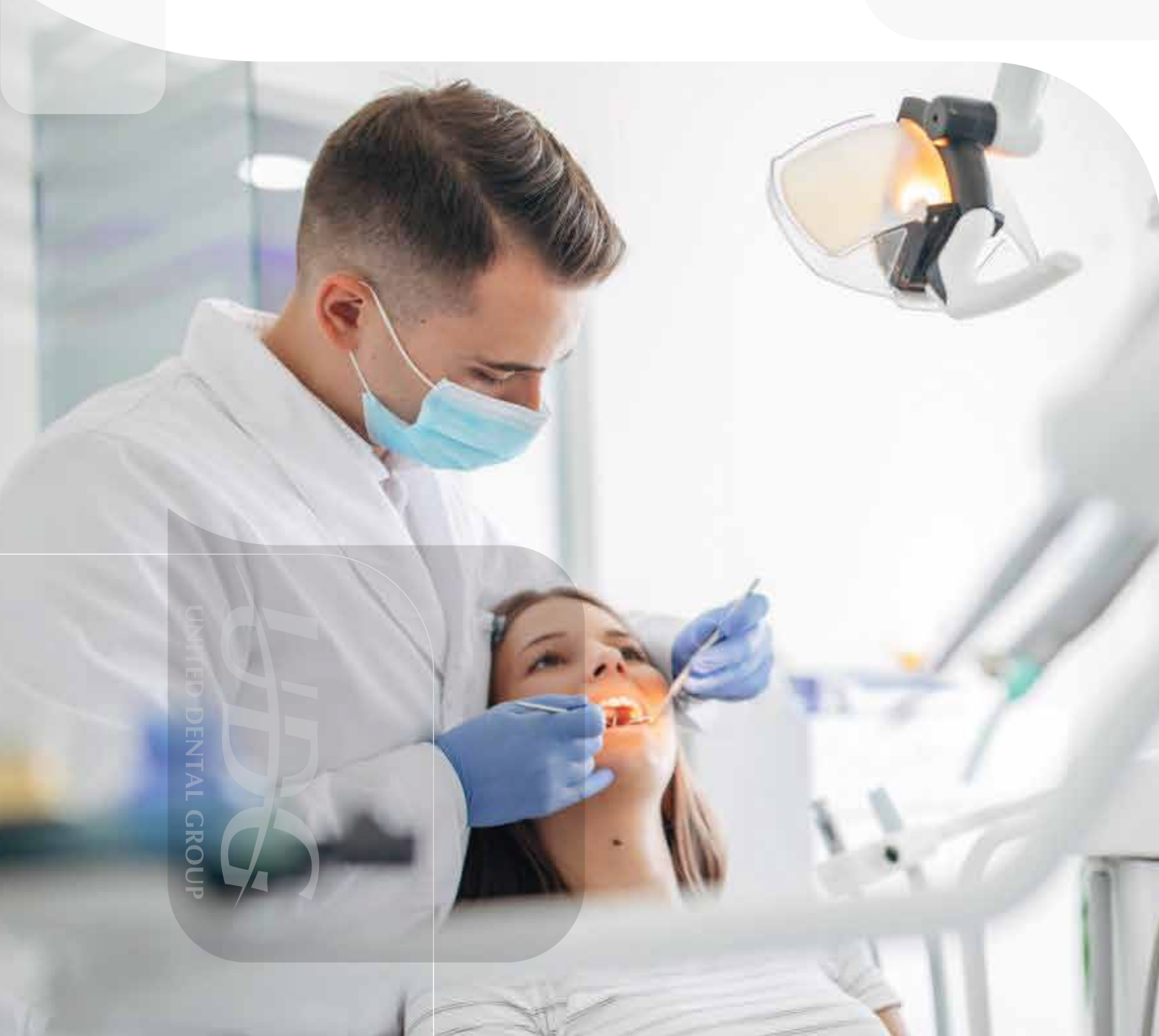
Bondent Academy: Dental learning  
program created for Chinese dentists

United Dental Group integrates the production and sales of dental medical devices and consumables. It is committed to providing professional, high quality products with reasonable prices for the global medical market. It is known globally as professional, innovative, strict and high quality, with a leading position in the industry.

The company was established in 2012 with a registered capital of 2 million yuan. The production plant is located in the beautiful Changzhou Xitai Lake Technology Industrial Park, Wujin District in Changzhou, Jiangsu. We have a professional R&D team and hundreds of highly qualified employees, and are constantly introducing advanced technologies, equipment, and improvements to the production process, in order to stay ahead of the game in the industry.

At the same time, we are also constantly expanding our sales network. We will continue to uphold our duty and vision in servicing dentists, and provide our customers with quality dental products, technical support, as well as timely after-sales service in order to promote the prosperity and development of China's oral health care business.

The sales company is located in the beautiful coastal city of Jinshan Shihua, with a young professional sales team for both domestic marketing and exports. Main products include: full sets of orthodontic products (teeth wire, belt loops, buccal tubes, invisible wire, brackets, etc.), root canal products (mechanical rake system, hand rake system) root canal motor and other products. We are always striving to develop new products, and our product sales have been ranked at the forefront of the domestic industry, and have been exported to the United States, South Korea, India, Iran, Argentina, Chile and other countries.





## ENDODONTICS

For Endodontic Products, it covers rotary root canal files, endo motor, obturation instruments and endo accessories.

## ORTHODONTICS

For Orthodontic Products, it covers brackets, archwires, molar bands, buccal tubes, mini implants, etc.

Better  
Dentistry,  
Better  
Life

## PREPARATION

### LATEX DENTAL DAM

Latex Dental comes in two colours which are blue and green.



### CARBON CLAMP

Carbon Clamp is a universal dental rubber dam clamp made up of medical grade Nylon carbon fiber materials.



### M3-C PLUS FILES

M3-C Plus file is a hand file with excellent grip used for severely curved or calcified root canals



### GATES GLIDDONS

Gates Gliddon are also known as " Gates Drills " and are used for opening the orifice of root canal with their uniformed and non-distorting crimp



### M3 SAFE PATH FILE (M-WIRE NITI)

M3 Safe path file instrument enables better and safer access to molars with its short shank of 11mm length.



### M3 PRO GOLD (CM-WIRE NITI)

M3 Pro Gold is a double variable taper path file suitable for large taper M3-GP system filling with its classic 6-piece file system



### M3-L PLATINUM (M-WIRE NITI)

M3 Pro Gold is a double variable taper path file suitable for large taper M3-GP system filling with its classic 6-piece file system



### CONCEPT SERIES 4 (CC4)

CC4 provides world's leading surface treatment technology with its 11mm shaft length and static grinding technology feature gives better access to molars.



### CONCEPT ONE BLUE

Reciprocation files with Nano Ceramic Blue Coating



### CONCEPT ONE PLUS

Reciprocation files with Nano Ceramic Gold Coating



### M3-L BLUE (CM-WIRE NITI)

M3-L Blue is a New M+ wire uses fastest One File-System in continuous & Reciprocation with Unique Blue Color Treatment suitable for wider canals.



## PREPARATION

### M3 IMMATURE FILE (CM-WIRE NITI)

Specially Designed with Niti Alloy for Baby Teeth or Short Canal Teeth



### M3 RETREATMENT FILE

M3 Retreatment files are used for retreatment of root canals(350RPM,2Ncm) with its continuous rotation and taper marking



### M3 T FILE (M-WIRE NITI)

M3 Rotary Niti File System uses pre-bent technology for whipping off the ledge



### MARC III PRO

Marc III Pro is a endo motor with built-in apex locator and colourful OLED screen helps in enlarging root canal process



### WPEX III

Apex Locator WpexIII uses multi-frequency technology for localization ,suitable for condition with blood and dentins



## IRRIGATION

### IRRIGATION NEEDLE

UDG double side port bendable needle with closed end ensures excellent irrigation



### SUPER ENDO IRRIGATOR

Super Endo Irrigator is a unique cordless and ultrasonic handpiece for perfect irrigation activator.



### UDG SONIC IRRIGATOR PRO

Sonic handpiece driver and activator tips for use in endodontic treatment



## OBTURATION

### BIO CERAMIC GP POINTS

Bio Ceramic GP Points are made up of bioceramic material and are used for root canal filling for quick obturation



### GP POINTS

GP Points are used for root canal filling for quick obturation



### PAPER POINTS

Paper points comes in 3 specifications 2%,4% and 6% and are used for root canal filling



### M3 GP GUN & PEN

M3-GP obturation system is a wireless design and can be used in two ways



### GP POINT TRIMMER

GP Point Trimmer is used for cutting the tip of gutta percha points and is autoclavable



### PLUGGER

SST Plugger, angled inwards for easy insertion at one side, and NITI material on the other side for vertical condensation technique.



### PASTE FILLER

Reciprocation files with Nano Ceramic Blue Coating



### PESO REAMER

M3-L Platinum is a rotary file used for excellent surface treatment with a single file system



## ACCESSORIES

### MICRO OPENER

Micro - Openers are flexible, stainless steel instruments made for working with a microscope or other forms of magnification for improved access to posterior teeth.



### MICRO SHAPER

Micro-Shapers are specially designed for accessing difficult access canals



### ENDO CLEAN BOX

Autoclavable endo clean box



### ENDO BOX

Autoclavable file organiser



### MEASURE RULER

Chelating Agent - Root canal lubricating gel with urea Peroxide



### TRAINING BLOCK

For Clinical Practice



## ACCESS

## ACCESS

## Latex Dental Dam



## PRODUCT DESCRIPTION

Latex Dental Dam comes in 3 categories depending upon its thickness which are " Fine, Medium and Heavy ". Also, It has two variants depending upon Scent which are "Mint and Unscent". Latex Dental Dam comes in two sizes respectively : 5"\*5" - 127MM\* 127MM and 6"\*6" -152 MM\* 152MM.

**Certification :** Medical Class I, EC Declaration of Conformity

## Carbon Clamp



Carbon clamp is indicated for multiple use as it is autoclavable at 134 degree celsius for atleast 3 minutes. It accomodates all types of dental rubber dam forceps and also prevents forceps tips penetrating through the clamp, which could affect the gingiva providing a secure, stable fit for varying molar tooth anatomies and sizes . It has no sharp edges as well.

**Certification :** Medical Class I, EC Declaration of Conformity

## HAND FILES

## Stainless Steel K Files



Cross Section

G2 Stainless Steel K file is available in the following lengths : 21mm,25mm,28mm and 31mm. It is the best hand file with radiopaque silicon stopper and X-ray visible callibration rings . It has an inactive pilot tip which helps in conducting the instrument safely along the canal. It has various models and it comes in different sizes varying from #6 ,#8,#10,#15-#40,#45-80

**Certification :** Medical Class I, EC Declaration of Conformity

## Stainless Steel H Files



Cross Section

G2 Stainless Steel H file is available in the following lengths : 21mm,25mm and 31mm. It is the best hand file with radiopaque silicon stopper and X-ray visible callibration rings . It has an inactive pilot tip which helps in conducting the instrument safely along the canal. It has various models and it comes in different sizes varying from #6, #8, #10, #15-#40,#45-80

**Certification :** Medical Class I, EC Declaration of Conformity

## Stainless Steel Reamers



Cross Section

G2 Stainless Steel Reamer is available in the following lengths : 21mm,25mm,28mm and 31mm. It is the best hand file with radiopaque silicon stopper and X-ray visible callibration rings . It has an inactive pilot tip which helps in conducting the instrument safely along the canal. It has various models and it comes in different sizes varying from #6, #8, #10, #15-#40,#45-80

**Certification :** Medical Class I, EC Declaration of Conformity

## M3-C Plus Files



Cross Section

M3-C Plus files are available in the following lengths : 19mm,21mm and 25mm. It is the best hand file with radiopaque silicon stopper and X-ray visible callibration rings. It has an inactive pilot tip which helps in conducting the instrument safely along the canal. It has various models and it comes in different sizes : #6,#8,#10,#12.5 and #15.

**Certification :** Medical Class I, EC Declaration of Conformity

## MECHANICAL

## MECHANICAL

## Gates Gliddons



Gates Drills are available in following lengths :28mm,32mm and 38mm . They are true to size and shape with excellent workability and are also hand-rolled from the finest gutta percha. It has various models and it comes in different sizes varying from #1, #2,#3,#4,#5,#6.

**Certification :** Class IIa, CE, ISO

M3 Safe Path file  
(M-wire Niti)

M3 Safe path file has various models : #10vt, 13vt and 16vt. It has a mirror-level shank and these instruments are marked with ISO colour of instrument tip size for easy identification. It increases debris removal and also reduces the screw-in effects.

**Certification :** Class IIa, CE, ISO

M3 Pro Gold  
(CM-wire Niti)

Cross Section

M3 pro Gold has various models : # 12 Variable progressive taper path files, #16 Variable progressive taper path files, 18/.5, 25/.6, 35/.4. It is suitable for curved root canal preparations as highly flexible, durable and softer . It is available in 21mm, 25mm and 31mm packing . M3 Pro Gold 2018 has sharp cutting edge with non-cutting tip safeguard design which provides excellent resistance to cyclic fatigue and controlled memory material.

**Certification :** Class IIa, CE, ISO

M3-L Platinum  
(M-wire Niti)

Cross Section

M3-L Platinum files are available in following lengths : 21mm, 25mm and 31mm. It comes in various models : L1,L2 and L3. M3-L Platinum instruments made up of M- wire are used on only one patient and simply discarded, eliminating two-work steps- cleaning and sterilizing.

**Certification :** Class IIa, CE, ISO

Concept Series 4  
(CC4)

CC4 has various models : #17/12vt ,#20/04, #25/06,#35/04 and CC-True 3D Max. CC4 has ingenious static grinding technology and automatic assembly process features and it comes in a user-friendly packaging design. Also, it has S-shaped cross section which helps in continuous removal of dentine chips and minimizes the radial contact with its non-cutting tip design.

**Certification :** Class IIa, CE, ISO

## ConCept One Blue



Concept- One Blue files are reciprocation files with nano ceramic blue coating

**Certification :** Class IIa, CE, ISO

## ConCept One Plus



Concept One Plus files are reciprocation files with nano ceramic gold coating

**Certification :** Class IIa, CE, ISO

M3-L Blue  
(CM-wire Niti)

Cross Section

M3-L Blue files are available in following lengths : 21mm, 25mm and 31mm. It comes in two working models with clockwise reciprocating motion and continuous 360 degree rotation. M3-L blue files finish preparation by single file with its extreme sharp blade and stronger debris removal ability and also it is more Flexible than conventional endo files

**Certification :** Class IIa, CE, ISO



## SPECIALISED FILES

## SPECIALISED FILES

## PRODUCT DESCRIPTION

M3 Immature File  
(CM-wire Niti)

M3-Immature files are available in following lengths : 21mm, 25mm and 31mm. It comes in various models : #20/4%, #25/4% and #30/4%. These files are made up of Niti alloy which makes it more flexible and durable and hence makes it suitable for patients with small mouth opening.

**Certification :** Class IIa, CE, ISO

M3 Retreatment File  
(M-wire Niti)

Cross Section

M3-Retreatment files are used to remove gutta percha inside root canals by stepwise sections. It is more softer and durable as it is made up of Niti alloy. Also, it is highly efficient and convenient to use. These files are available in following lengths: 16mm, 18mm and 23mm. It comes in various models : #20.07, #25.08 and #30.09.

**Certification :** Class IIa, CE, ISO

M3 T File  
(M-wire Niti)

Cross Section

M3-T files are available in following lengths : 21mm, 25mm and 31mm. It comes in various models : #10/4%, #10/6%, 15/4%, #15/6%, #20/7%, #25/8% and #30/9%. These files use pre-bent technology along with high tech niti materials for efficient and safer preparation with taper marking which shortens dentists time.

**Certification :** Class IIa, CE, ISO

M3 TP File  
(Niti)

Cross Section

M3 TP files are used for Tip Enlargement.

**Certification :** Class IIa, CE, ISO

M3-Ultrasonic Files  
(Niti)

M3 Ultrasonic files are specially designed for working with Ultrasonic scaler and are made up of Niti Alloy material

**Certification :** Class IIa, CE, ISO

## PREPARATION DEVICES

## PRODUCT DESCRIPTION

## Marc III Pro



Marc III Pro is a supporting device used in endodontic treatment which has 9-user defined operation modes along with four- working modes:- A. Forward Rotation, B. Reverse Rotation, C. Reciprocating motion, D. Automatic Torque control. It measures and enlarges root canal length with its reciprocating rotary motion along with automatic deceleration in apical zone.

**Certification :** Class IIa, CE, ISO

## Wpex III



WpexIII gives 98% Measurement Accuracy based on clinical statistics by providing sound Alerting to ensure safety operation based on different sound with different location. With its upgraded chip, the real-time response and sensitivity has been increased to 200%

**Certification :** Class IIa, CE, ISO

## IRRIGATION

### ACCESS

### PRODUCT DESCRIPTION

#### Irrigation Needle



Irrigation needle has a bendable double port side with closed end which eliminates hydraulic pressure to apex and ensures excellent irrigation. It comes in two sizes : 22MM used for Posterior Teeth and 26MM used for Anterior Teeth

**Certification :** Medical Class I, EC Declaration of Conformity

#### Super Endo Irrigator



Super Endo Irrigator is safe, effective and economic in use as it is cordless, rechargeable and compact device with battery charge indicator and 330 degree free adjustability. It has high frequency ultrasound (40kHz) for better cleaning and quality disinfection.

**Certification :** Medical Class I, EC Declaration of Conformity

#### UDG Sonic Irrigator Pro



UDG Sonic Irrigator pro is strong, flexible, with snap on/off design made up of medical grade polymer composition. It is colour-coded by size for identification with convenient depth-gauge rings at 18, 19 and 20mm. Also, It is safe and efficient technology with ergonomic handpiece design.

**Certification :** Class IIa, CE under Process

#### EDTA



Chelating Agent - Root canal lubricating gel with urea Peroxide

**Certification :** Class IIa, CE under Process

## OBTURATION

## ACCESS

## Bio Ceramic GP Points



## PRODUCT DESCRIPTION

Bio Ceramic Gutta Percha Points are faster and effective and are used for quick obturation after root canal preparation. These are true to size and excellent in workability with non-distorted crimp. It comes in three colours and shapes : RED Shape : Large tapered 0.06 Taper, PINK Shape : Large tapered 0.04 taper, WHITE Shape : ISO Standard 0.02 Taper

**Certification :** Class IIa, CE under Process

## GP Points



GP Points are faster and effective and are used for quick obturation after root canal preparation. These are true to size and excellent in workability with non-distorted crimp. It comes in three colours and shapes with specifications 2%, 4% and 6% : RED Shape : Large tapered 0.06 Taper, PINK Shape : Large tapered 0.04 taper, WHITE Shape: ISO Standard 0.02 Taper

**Certification :** Class IIa, CE under Process

## Paper Points



Paper Points are used for root canal filling and comes in three colours , shapes with specifications 2%, 4% and 6% : RED Shape : Large tapered 0.06 Taper, PINK Shape : Large tapered 0.04 taper, WHITE Shape: ISO Standard 0.02 Taper. These points ensures long shelf life along with freshness to give flexible workability.

**Certification :** Class IIa, CE under Process

## M3 GP Gun &amp; Pen



M3 -GP is a Wireless design which is very Comfortable to hold and its gun needle can be 360 degree rotated. Also, it has Multiple heating method along with Rapid heatin an Dual battery with high-capacity. It has two methods of use : i. It can obturate apex of root canal by using pen and ii. It can obturate 2/3 apical part of root canal by using gun.

**Certification :** Medical Class I, EC Declaration of Conformity

## GP Point Trimmer



GP Point Trimmer is a high production design which can effectively ensure the dressing accuracy of Gutta percha, making filling easier and more rigorous. The size of the trimmed gutta-percha is 20, 25, 30, 35, 40, 45, 50, 55, 60, 70. It is made up of aluminium alloy which adopts dial design used for cutting gutta percha.

**Certification :** Medical Class I, EC Declaration of Conformity

## Plugger



Plugger comes in two sizes small and big. It's small tip is made up of niti alloy and it's big tip is made up of stainless steel.

**Certification :** Medical Class I, EC Declaration of Conformity

## Paste Filler



Paste fillers are used for distribution of obturation paste and sealing cement into canal and down to the apex or for the application of calcium hydroxide as a temporary medication. Different shades paste fillers are available : Lentulo paste filler and Spring paste filler.

**Certification :** Medical Class I, EC Declaration of Conformity

## Peso Reamer



Peso reamer is used for enlarging cervical portion of the canal and to prepare the canal entrance. These instruments are also useful in removing gutta percha in preparation for creating post space. These are available in standard(32mm) and short (28mm) lengths.

**Certification :** Medical Class I, EC Declaration of Conformity

## ACCESSORIES

## ACCESSORIES

## Micro Opener



Micro -Openers are specially designed for microscopic treatment ,for orifice opener of posterior teeth. It builds up a smooth , flexible path to posterior teeth which improves treatment performance. It is available in different length and models : 21mm, 25mm and 31mm and #10, #15 and #20 respectively.

**Certification :** Medical Class I, EC Declaration of Conformity

## Micro Shaper



Micro-Shapers are specially designed for microscopic treatment ,for negotiation of posterior teeth. It builds up a smooth , flexible path to posterior teeth which improves treatment performance. It is available in different length and models : 21mm, 25mm and 31mm and #20, #25 and #30 respectively.

**Certification :** Medical Class I, EC Declaration of Conformity

## Endo Clean Box



Endo clean box are one of the autoclavable endo accessories and are made up of TPX Plastic material

**Certification :** Medical Class I, EC Declaration of Conformity

## Endo Box



Endo Organizer box are of the endo accessories are used for oragnaizing hand files and are made up of TPX Plastic material

**Certification :** Medical Class I, EC Declaration of Conformity

## Measure Ruler



Measure ruler is one of the autoclavable endo accessories and is used for length measurement.

**Certification :** Medical Class I, EC Declaration of Conformity

## Training Block



Training Blocks are one of the endo accessories are made up of resin material.

**Certification :** Medical Class I, EC Declaration of Conformity

## Stopper



Stoppers are one of the endo accessories are are made of silicon material.

**Certification :** Medical Class I, EC Declaration of Conformity

## Hand Files Holder



Hand Files Holder comes in blue colour and made up of medical grade stainless steel. It comes with aperiod of validity of 3 years and it has to be sterilized after each use.

**Certification :** Medical Class I, EC Declaration of Conformity



## ARCHWIRES

### STAINLESS STEEL ARCHWIRES

These wires comes in two forms :-Natural and Ovoid, used for electrical treatments.



### NITI SUPER ELASTIC

Niti Super elastic wires are made up of 55% Ni and 45% Ti and provide consistent forces.



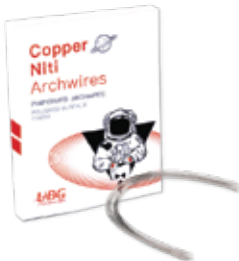
### AESTHETIC STAINLESS STEEL

Used for Electrical Treatments and comes in two forms.



### AESTHETIC NITI

Preformed archwires with polished surface finish.



### REVERSE BACK ARCHWIRES

Reverse back archwires are of three types : RCS1, RCS2 and RCS3.



## METAL BRACKETS

### OMNI SL 6TH GENERATION

Self ligating brackets with advanced MIM and welding technology



### OMNI MIM

MIM produced brackets with welding 80 ped used to provide superior finishing.



## CERAMIC BRACKETS

### UNI-TRANS

Economical translucent ceramic brackets with reliable locking structure



### UNI-CLEAR PRO

Mono-crystalline ceramic brackets used for clear transparent appearances.



### CLEAR MAX PRO

Self ligating active ceramic bracket with aesthetic design provides smooth and round surface



## ELASTOMERS

### POWER CHAIN

Latex free & hypoallergenic, made of rubber material.



### LIGATURE TIES

Latex free & hypoallergenic, made of rubber material.



### O-RINGS

Made from the freshest, purest materials which provides excellent stretch and rebound



### SEPARATORS

Latex free & hypoallergenic, made of rubber material provides high elasticity.



## ACCESSORIES

### SPRINGS

They are two types : Open springs & closed springs, made up of Niti material.



## ACCESSORIES

### CRIMPLE HOOKS

They are two types : Open springs & closed springs, made up of Niti material.



### LINGUAL BUTTONS

Provide smooth surface and excellent bonding, made up of stainless steel.



### MICRO IMPLANTS

Self drilling thread, temporary anchorage device system.



### MICRO IMPLANTS HANDLES

Micro-Implant handles are used to hold micro-implants.



## BANDS & TUBES

### ORTHODONTIC MOLAR BAND ASSORTED KIT

Orthodontic molar band assorted kit has a laser mark and sand blasting inner face technology.



### BUCCAL TUBES

Metal injections with molded technology along with wide funneled entrance.



## ARCH WIRES

### ACCESS

### PRODUCT DESCRIPTION

#### Stainless Steel Archwires



Stainless Steel archwires are made up of 304 stainless steel material. These wires provides a smooth surface along with greater comfort and excellent elasticity. It has got following specifications : Ovoid/Natural, 0.012- -.021\*.025, upper/Lower, 1pc/pack, 10pcs/pack

#### Niti Super Elastic



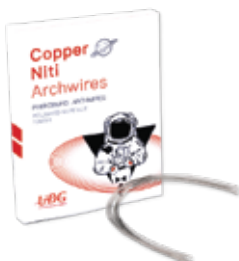
Super Elastic archwires are light to moderate and responsive to chilling. These wires address leveling, torque and rotation early in treatment. It is highly flexible with excellent resiliency which provides greater comfort to patients more than stainless steel wires. It has got following specifications : Ovoid/Natural and Reverse back.

#### Aesthetic Stainless Steel



Aesthetic Stainless Steel archwires are made up of 304 stainless steel material. These wires provides a smooth surface along with greater comfort and excellent elasticity. It has got following specifications : Ovoid/Natural, 0.012- -.021\*.025, upper/Lower, 1pc/pack, 10pcs/pack

#### Aesthetic NITI



Aesthetic NITI archwires are made up of niti material and are preformed archwires with polished surface finish.

#### Reverse Back Archwires



Reverse back archwires are of three types : RCS1, RCS2 and RCS3. It provides 20 degree anterior torque. It also helps in early introduction of torque in upper centrals and laterals.

## BANDS | TUBES

### METAL BRACKETS

#### Omni SL 6th Generation



### PRODUCT DESCRIPTION

Omni SL brackets are from Uni clip series are made up of stainless steel. These brackets are highly flexible as these are round in shape with low profile design and easy wire engagement. It has got laser mark on pad for easy identification and provides great comfort during aligning treatment which helps in keeping the better oral health. It has got following specifications : ROTH/MBT, 0.022/0.018, NO HOOK/3/HOOK/345/HOOKS.

#### Omni MIM



MIM produced brackets with welding 80 ped used to provide superior finishing. These brackets bring technology, innovation and value together. It comes in two forms : Omni-MM series Mini and Omni-MM series Standard.

### CERAMIC BRACKETS

#### Uni-Trans



Uni-Trans brackets enhances patient comfort by giving more smooth surface and by minimizing occlusal interference . It is a perfect combination between aesthetics design and 3D printing technology . It provides more efficient treatment by relying on extra-low friction and non-metallic slides. It has got following specifications : ROTH/MBT, 0.022/0.018, NO HOOK/3/HOOK/345/HOOKS.

#### Uni-Clear Pro



Uni-Clear pro are mono-crystalline ceramic brackets used for clear transparent appearances.

#### Clear Max Pro



Clear Max Pro brackets enhances patient comfort by giving more smooth surface and by minimizing occlusal interference . It is a perfect combination between best aesthetics design and 3D printing technology . It provides more efficient treatment by relying on extra-low friction and non-metallic slides. It has got following specifications : ROTH/MBT, 0.022/0.018, NO HOOK/3/HOOK/345/HOOKS.

### ELASTOMERS

#### Power Chain



Power chains are color-fast and stain resistant in nature. These are medical grade polyurethane which offers a consistent force in closed, short , long filaments and it are color matched with ligatures.

#### Ligature Ties



Ligature ties building colors are color-fast and stain resistant in nature. These are medical grade polyurethane which ensures practice.

#### O-rings



Intraoral elastics are made up of unique design from the purest, freshest materials . It comes in an excellent package and provides excellent stretch and rebound. These are latex free and stain resistant. It has got following specifications : 2.5 OZ/3.5OZ/6.5 OZ, 1/8/3/16/5/16/3/8, Light/Medium /Heavy.

#### Separators



Separators modules stay put until they are removed with an instrument providing excellent stretch and rebound. These are soft-moulded modules which will not irritate soft tissues.

## ACCESSORIES

### ACCESS

### PRODUCT DESCRIPTION

#### Springs



Springs offer the same shape memory benefits of super-elastic springs with the added benefit of reduced inventories. It provides adjustable force with its open and closed coil titanium springs .It has got following specifications : Closed springs : 6mm,9mm,12mm,0.10 inch/0.12inch. Open springs :178mm, 0.10 inch/0.12inch

#### Crimple Hooks



Crimple hooks are made up of stainless steel and can be placed anywhere on the wire for the extra retention hook. These are easy to slide and snap. It comes in two forms : short and long.

#### Lingual Buttons



Lingual buttons are made up of 304 stainless steel material and provides smooth surface, gretaeer comfort and excellent bonding. In the areas of high density, it may be necessary to utilize the 1.1mm drill provided to penetrate the cortical plate. It has got following specifications : Round base/ Ellipse base, Bondable/weldable.

#### Micro Implants



UD's Unique design for micro implant is self-drilling and self-tapping. Due to the design of the conical thread, drilling is eliminated in most of the areas of mouth. It has got following specifications:- 6mm, 7mm, 8mm, 9mm, 10mm, 11mm and 12mm.

#### Micro Implants Handles



Micro-Implant handles are used to hold micro-implants . It comes with matching handle : MIHI-001 and a handle shack : MIHIS-001





**CHANGZHOU BOMEDENT MEDICAL TECHNOLOGY CO. LTD** is a high-tech enterprise who focus on researching, developing, selling and service dental instruments. Our main products are endodontics micromotor; apex locator and related products. we will work closely with purpose to establish a new domestic oral medical environment. research and develop, produce. sales high-end oral medical equipment. we own a R & D team who has more than ten years experience in the development of dental products. Our team will take the technology as the core, depend on the quality as life, keep continuous innovation, dedicate to provide the highest cost-effective products and good after service.





A high-tech enterprise who focus on researching, developing, selling and service dental instruments.

**Our range of products are:**

- Endo Motor + Apex Locator
- Codless Endo Motor
- Apex Locator Wispex
- iRoot Pro
- iRoot Apex



iRoot apex



Marc III



iRoot pro



**iRoot Apex:** Smart precise Apex Locator

**Marc III:** Cordless Endo Motor

**iRoot Pro:** Cordless Endo Motor with integrated Apex Locator





**INTEGRATED BLUETOOTH** 



**IROOT APEX**



**IROOT PRO**



**IPEDAL**

**IROOT APEX + MARC III**



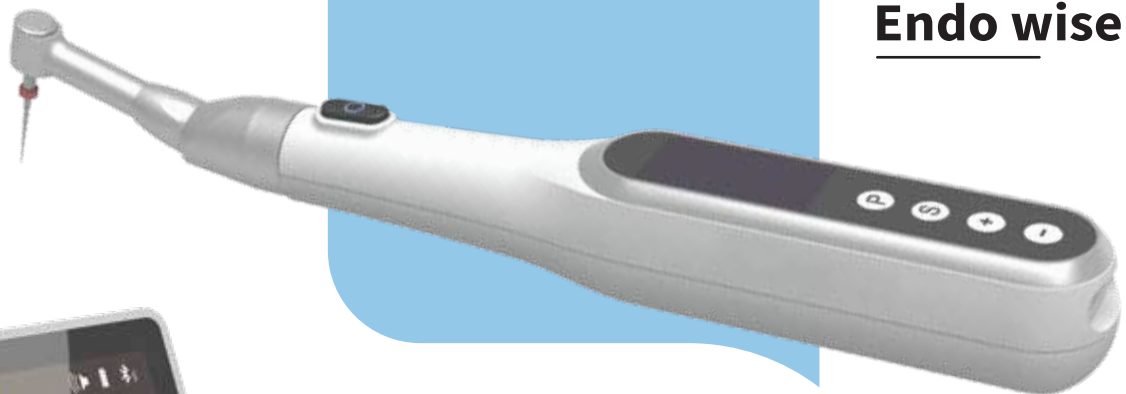




A high-tech enterprise which focus on researching, developing ,selling and service dental instruments .

**Our range of products are :-**

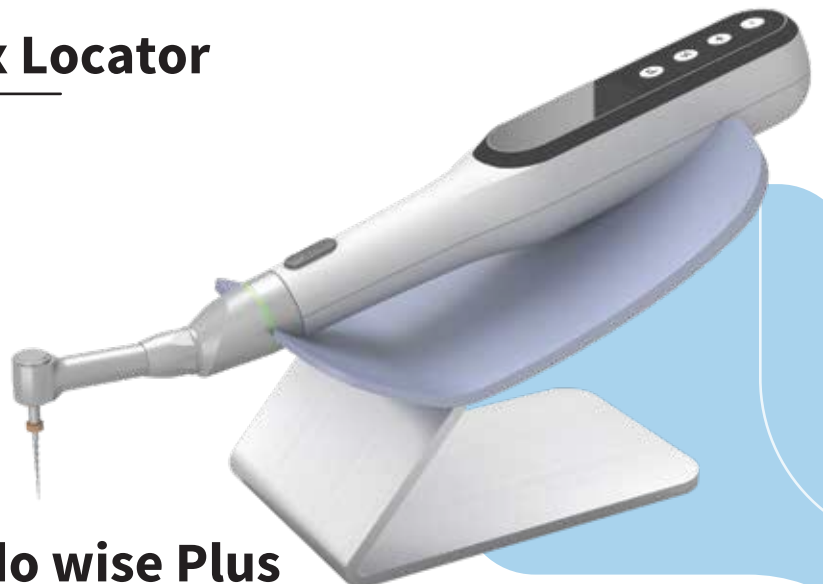
- Endo Wise
- Endo-Wise Plus
- Apex Locator



**Endo wise**



**Apex Locator**



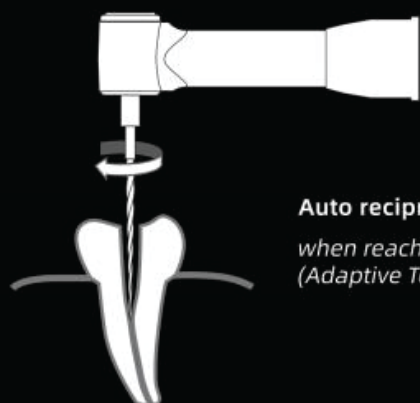
**Endo wise Plus**

# CORDLESS ENDO MOTOR

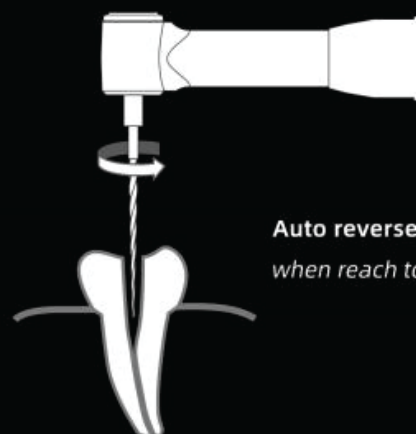
Endo wise

## FEATURES

1. Multiple reciprocating modes
2. Large OLED Screen, Long working time
3. Accurate torque control



**Auto reciprocating**  
when reach torque limit  
(Adaptive Torque)



**Auto reverse**  
when reach torque limit

## CORDLESS ENDO MOTOR WITH INTEGRATED APEX LOCATOR

|   |  |
|---|--|
| TYPE  | PORTABLE/CORDLESS  |
| MEMORY  | 10 MEMORY SETTING  |
| ROTATION  | CLOCKWISE/ANTI-CLOCKWISE/<br>RECIPROCATING   |
| RECOPROCATING   | ROTATION ANGLE ADJUSTABLE  |
| APEED/TORQUE  | 800 RPM MAX/4.0N.CM MAX  |
| BATTERY   | RECHARGABLE/REPLACEABLE  |
| CHARGING  | MICRO USB  |
| DISPLAY   | OLED   |
| AVAILABLE CONTRA ANGLE                                    | 16:1   |
| APEX LOCATOR CONTROL MOTOR<br>WORKING MODE/TORQUE CONTROL | AUTO START IN THE ROOT CANAL.<br>AUTO REVERSE WHEN REACHING APICAL FORAMEN<br>ALITO REVERSE WHEN EXCEEDING THE TORQUE LIMIT VALLIE |

ENDO MOTOR  
+  
APEX LOCATOR

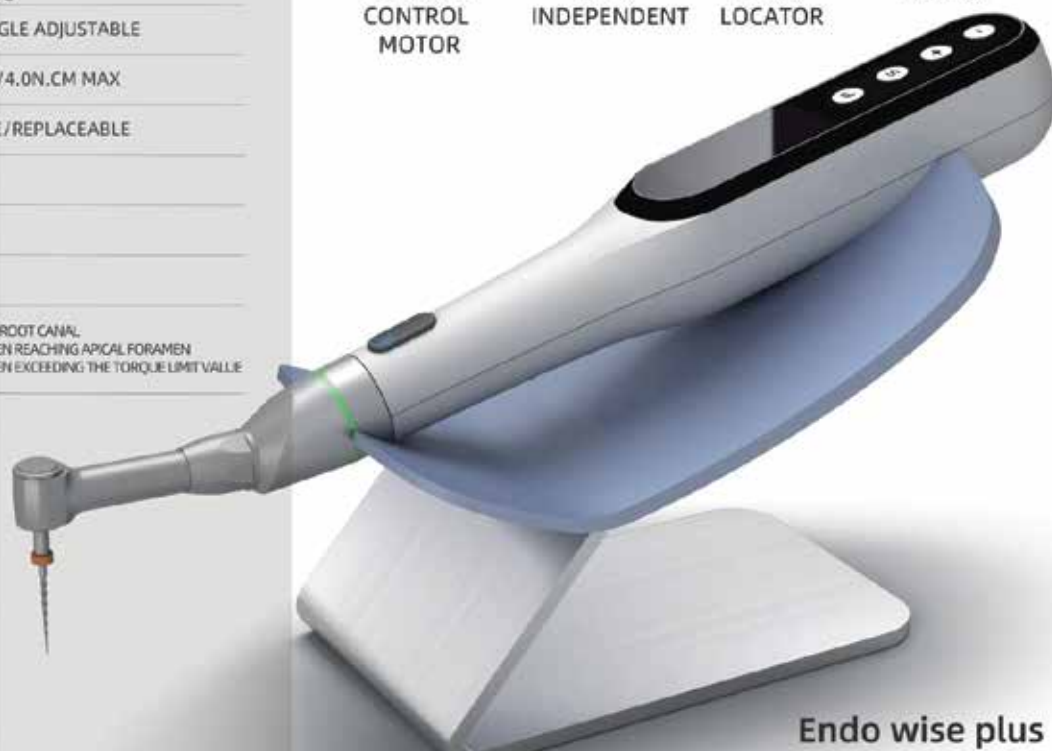
## APEX LOCATOR WISPEX



WISMY

## FOUR WORKING MODES

- 1  
APEX  
LOCATOR  
CONTROL  
MOTOR
- 2  
MOTOR  
APEX  
INDEPENDENT
- 3  
ONLY  
APEX  
LOCATOR
- 4  
ONLY  
MOTOR



Endo wise plus

## ACCURATE

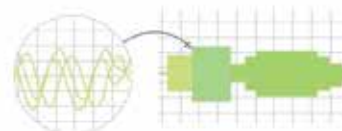
## SENSITIVE



- High definition TFT screen.
- Multi frequency measurement technology guarantees high accuracy.
- Multi color regions.
- Segmented display of the file in root canal.
- Working length adjustable.



Not affected by tooth types



Multi frequency measurement technology.  
Not affected by the blood or pulp in the root canal.

## LOUPES

High-Quality Loupes by Bondent which provides super-wide field of vision and very extensive depth of field.

**Our focus products are :-**

- Classic TTL1
- Mini-Square TTL3
- Galilean Flip-Up Loupes
- Head Light HLP05





## CLASSIC TTL1

- Uniquely Customized to your specification
- Lightweight Comfort
- Wide and deep viewing filed



### Specifications of TTL 1

| Magnification | Working Distance | Field of View | Depth of Field | Weight |
|---------------|------------------|---------------|----------------|--------|
| 2.5x          | Customized       | 110-150mm     | 115-180mm      | 51g    |
| 3.0x          | Customized       | 90 - 130mm    | 70 - 165mm     | 51g    |
| 3.5x          | Customized       | 70 - 120mm    | 65 - 175mm     | 51g    |



## MINI - SQUARE TTL3

Mini-square (TTL3) loupes can be produced according to your PD and your required working distance. Most comfortable experience and lightest weight. The distinction of Amtech TTL3 is micro-size and light weight that ensure you more comfort and optimum performance.

### Specifications of TTL 3

| Magnification | Working Distance | Field of View | Depth of Field | Weight |
|---------------|------------------|---------------|----------------|--------|
| 2.5x          | Customized       | 110-150mm     | 115-180mm      | 51g    |
| 3.0x          | Customized       | 90 - 130mm    | 70 - 165mm     | 51g    |
| 3.5x          | Customized       | 70 - 120mm    | 65 - 175mm     | 51g    |

## GALILEAN FLIP-UP LOUPES

Galilean Flip-up loupes delivering 2.5x, 3.0x and 3.5x magnification, different working distance and LED illumination system are available. Multi-layer anti-reflection coating provides extremely high resolution. Anti-glare, anti-fog and scratch-resistance optic lens ensure long time no-trouble use.



GL4 Synchronous Style

### Specifications of GL4

| Magnification | Working Distance | Field of View | Depth of Field | Weight |
|---------------|------------------|---------------|----------------|--------|
| 2.5x          | 340-500mm        | 100-140mm     | 115-180mm      | 65g    |
| 3.0x          | 340-500mm        | 70-125mm      | 70-165mm       | 65g    |
| 3.5x          | 340-500mm        | 60-115mm      | 65-175mm       | 65g    |

\*Weight measured based on Standard D sport frame \*Standard frame: Ni-alloy frame or D sport frame \*Standard case: Fabric case B



## HEAD LIGHT *HLP05*

| Headlight Specifications                      |  |
|---|--|
| Weight  | 7.5g                                   |
| Light Color Temp                              | 6000K                                  |
| Light Intensity                               | ≥50,000 LUX                            |
| Power   | 1W LED                                 |
| Composite Beam Filter. curing filter included |  |
| Specification of Battery                      |  |
| Type  | 3400 mAh, Lithium ion battery          |
| Weight  | 92grams                                |
| Recharge Time                                 | 3-4 hours<br>Input voltage : 110V-220V |
| Operation Time                                | 9 hours                                |



SEMORR Medical Tech specializes in designing, manufacturing and promoting surgical microscope with HD imaging system in dentistry. Whether you are in endodontics, periodontics, or restorative dental profession, SEMORR offers microscope solutions ideal for your practice.

Since founded, SEMORR has been derived from its core values and stands for benefiting every procedure by helping practitioners to better diagnose and predictably treat their patients.

#### Features

- Excellent optical system ensures an exquisite image in every detail
- Accurate zoom magnification system
- Stable and lifelong LED illumination
- Elegant and compact design
- Ergonomic binoculars (with 21° movement)
- Flexible balance system
- Accessible to future update to premium edition



# ***SEMORR***

## **D3000D-4K**



**Extended binocular tube with IPD  
adjustment Knob**



**Zoom mangnifier**



**New objective lens  
Enjoy a stree-free working  
never before**

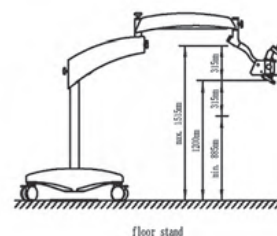
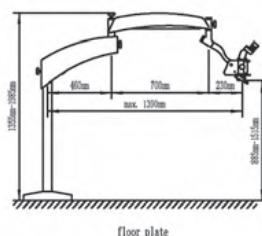
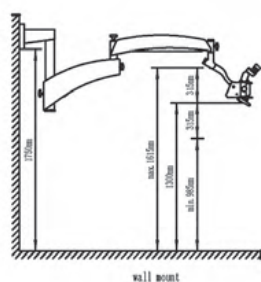
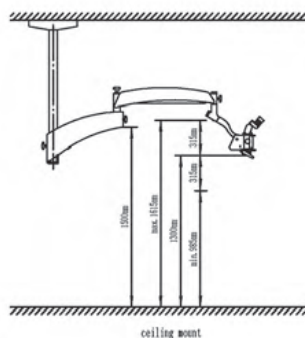


SEMORR Medical Tech specializes in designing, manufacturing and promoting surgical microscope with HD imaging system. The range of products are

- D4000D-4K
- DOM 3000 Series
- TME Training Microscope
- Accessories

# DOM3000 Series Technical Specifications

|  |   |
|--|---|
| <b>Microscope System</b>   |   |
| Eyepieces  | 12.5X/18B(Aperture:18mm)  |
| Binoculars   | 0~210° inclinable   |
| PD adjustable range  | 50mm~75mm   |
| Diopter Range  | ±6D   |
| Total magnification ratio<br>(12.5X eyepieces, objective lens focus distance: f+250mm) | DOM3000B: 3.2X/5X/8X/12.8X/20X<br>DOM3000C: 2.7X/4X/6.1X/9.6X/16X/24X<br>DOM3000E: 3.6X~23X                                 |
| Objective Lens   | f=250mm   |
| Fine focus of objective Lens   | 0~16mm  |
| Diameter of FOV (12.5X eyepieces, objective lens focus distance: f+250mm)              | DOM3000B: 5 step 11mm/17mm/27.5mm/44mm/68mm<br>DOM3000C: 6 step 9mm/14mm/22mm/37mm/56mm/83mm<br>DOM3000E: ZOOM 9.8mm~62.5mm |
| <b>Illumination System</b>   |   |
| Light source   | LED module, variable brightness, over 60,000h life span   |
| Minimum illumination intensity (f=250)   | >80,000IX   |
| Diameter of illumination spot  | 85mm  |
| Filter   | Orange, Green   |
| Color temperature  | 6500k close to natural light, true color  |
| <b>Stand System</b>  |   |
| Default Stand  | Patented, stable floor stand  |
| Cross arm  | Radius gyration: 460mm, 360° rotation   |
| Swing arm  | Radius gyration:700mm, ±160° rotation, up & down ±315mm   |
| Microscope arm   | Radius gyration: 230mm  |
| Longest arm reach  | 1390mm  |
| Dimension of base  | 516mm X 516mm   |
| <b>Power specifications</b>  |   |
| Input power (Wide voltage)   | AC100-240V, 50/60Hz   |
| Light source max consumption   | 20VA  |
| Total consumption  | 68VA  |
| Fuse   | 220V: T1.0AL 250V / 110V: T2.0AL 125V   |
| <b>Packing</b>   |   |
| Dimension  | 1250mm×1080mm×470mm(50 inches×43 inches×19 inches)  |
| Net weight   | 100kgs (220lb)  |
| Gross weight   | 115kgs(254lb)   |
| <b>Optional Accessories</b>  |   |
| Binoculars   | 45°/90° fixed angle,0~90° inclinable  |
| Objective Lens   | f=175/200/300/350/400mm (0~16mm fine focus) F200mm-F400mm Variable  |
| Beam splitter  | 20% : 80% / 50% : 50%   |
| Pendulum module  | Swing range:±15°  |
| Digital camera adapter   | Canon EF-mount/Nikon/Sony   |
| Mobile adaptor   | Applicable for iPhone/ Samsung  |
| Video camera adapter   | C-mount/CS-mount1/3" CCD  |
| Foot pedal   | Canon/Nikon / Sony  |





# TME TRAINING MICROSCOPE



## Technical Specifications

Magnifications: Zoom Manually

Eyepieces: 12.5X/18B (Aperture: 18mm)

Binoculars: 0~210° inclinable

Objective lens: f=250mm (0~16mm focusable)

Illumination: LED

Stand system: Tabletop, Table clip mount, Dental unit mount



# Ergonomic Design

## Ease of Use, Comfort

### Ergonomic Binocular Tube(210° movement)

---

Semorr knows every surgeon's comfortable working positions are different. For relieving the muscle fatigue of shoulder, neck and lower back during long time surgery and keep the surgeons away from occupational diseases, this wide range viewing angle binoculars are designed.



### Flexible Balance System

---

Accurate balance mechanical structure guarantees the swing arm rotating flexibly and microscope arm moving up and down smoothly. Load-bearing weight is pre-calculated to maintain the smooth movement and accurate position of DOM3000 when accessories are added.



### 360°Rotating Handle

---

Easy position at any angle you prefer.



### Pendulum Structure

---

The binoculars will remain the same height level to the floor during rotation movement. This design enables the surgeon to hold his or her head and back in a comfortable position and relieve the long time surgery fatigue.





Based in China Dental Valley , Sichuan Bomesin Dental Equipment Co., Ltd is a high-tech enterprise dedicated to the research, development, manufacture and sales of dental equipment, belonging to Shanghai Bondent Group. Bomesin owns E classic series and S high-end series, which makes dental consultation convenient and comfortable.



**E 200**  
**Praise for Simplicity**



**Main Feature**

■ **Dual master control systems**

Two separated control panels located at doctor and nurse position to ensure seamless cooperation between the operators

■ **LED surgical lighting**

Professional surgical lighting, with shadow area only 6-7mm, satisfies illumination in the field of view

■ **Ergonomic design**

Ergonomic waist support provides a more stable and comfortable movement

---

**S 500**  
**Unparalleled Quality**



**Main Feature**

■ **Simple**

Dual touchpads with integrated programming simplify chair operation and increase efficiency

■ **Smart**

Chair movement is synchronized with natural motion of the patient through meticulously structured virtual pivot

■ **Stylish**

Chic and ergonomic design provides ample legroom for dentists and operators





Bomesin owns E classic series and S high-end series, which makes dental consultation convenient and comfortable.

- E 200
- S 500

A modern dental chair with blue upholstery is shown in a clinical setting. The chair is reclined, and its armrests are folded. To the right of the chair, there is a white dental unit with various instruments and a sink. The background is a bright, white wall with vertical lines.

# E200

QUALITY • STYLISH ●



## Customer-oriented

### Comfortable treatment environment

- This new desktop and upper service design enable the doctor to get close to the patient and obtain a more comfortable working position.
- Application of space geometry, combined with compact integrated instrument tray, E200 has a better sense of space, providing doctors and assistants with good FOV and operating space.

### Save space more convenient operation

- The unit is easy to operate, you can put it in the specified position gently and stop easily.
- Relative light saving handle button, multi-key composite linkage, dual-motor control design and four-point design make the operation easy.
- Super short string and wide shoe design makes the assistant operation easier and more convenient.
- External super large filter design to ensure better more efficiently and easy to maintain and clean.

### Comfortable sitting experience

- Ergonomic chair allows patients to get effective support at the waist.
- High custom pivot point and rotation design, it is closer to the point of rotation of the hip joint, reducing the discomfort caused by the rotation of the cushion.

### Thoughtful assist environment

- More space for assistants to help doctors with four-hand operation.
- Combined panel clip and paper towel design and the button of moving mounted alone supplier make it convenient for patients to take by themselves, thus reducing the workload of the assistant.



BONDENT

BONDENT

## Optimized structure design



Rotating handrail design

- Easy for patients to get up and down.



Quick motor

- With the improved DC super silent motor, the unit can be used at 0 seconds.
- Motor 5-year warranty, so that you can use it with safety.



Double joint head pillow

- Suitable for different heights people.
- It can move along with patient's head, which is convenient for observation and operation.
- The ergonomic design of the headrest can support your back neck, making the patient comfortable and relaxed.



Friendly man-machine interface

- Dual rubber control four-point control.
- Intuitive touch.
- Customized seat and knee time can be adjusted.
- The temperature of mouthpiece can be adjusted.
- Three groups of 8-memory chair position, the multi-functional linkage of light, chair, rotation.
- Interlock between handpieces and chair.



Rotating cupholder

- 180° rotating, it can be rotated to the appropriate location for the patient to use.
- Easy to disassemble, can be 360° disassembled.
- Independent button is convenient for patients to grasp and use.
- Transparent glass cupholder with high temperature resistant, anti-scalding, heat and sound, assembly and disassembly.



Polymer stepod

- Stepod design is compact and simple, more full use of the clinical room.
- It is durable and easier to use.



Double joint assistant rack

- The large rotation range and small stepod will enough operating space for the nurse to the four-hand operation.
- Flexible in rotation, easy for nurses to locate.



Patent design paper towel box

- Patent design, and it is convenient and smooth to take the last piece of paper towel without affecting the work of doctors and assistants.
- Pat upper cover design can place small items.



Salivary filter

- Located on the side of the assistant seat, convenient to change and clean.
- The strong and weak suction from the side of the assistant, which makes them absorb, reduce discomfort to nurses and patients due to strong gravity.

## Personalized design

### Lighting Option



LED-A2S (E200B standard)

- The switch, color temperature and illumination can be controlled by touch.
- Illumination range: 7500-10000lm.
- Color temperature range: 4000-6500K step.
- Digital display of color temperature and illumination.
- The handle can be removed for disinfection.
- Camera system can be added.
- Circular rendering index: Ra=95.



LED-Z202 (optional)

- The switch, color temperature and illumination can be controlled by touch.
- Illumination range: 10000-10000lm.
- Color temperature range: 4000-6500K step.
- Good brightness lighting effect.
- Digital display of color temperature and illumination.
- The handle can be removed for disinfection.
- Camera system can be added.
- Circular rendering index: Ra=95.



LED-F2M (optional)

- The switch, color temperature and illumination can be controlled by touch.
- Illumination range: 7500-20000lm.
- High color temperature (5000K), low color temperature (4000K).
- It has the function of blue light cutoff (power on/off).
- The handle can be removed for disinfection.
- Camera system can be added.
- Circular rendering index: Ra=95.



LED-F2H (E200AC standard)

- The switch, color temperature and illumination can be controlled by touch.
- Illumination range: 7500-20000lm.
- It has the function of blue light cutoff (power on/off).
- The handle can be removed for disinfection.



Circular foot control (E200B standard)



Multifunctional foot control (E200B standard)



A dental chair (E200B standard)



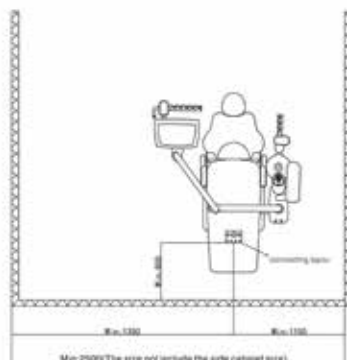
B dental chair (E200B standard)



C dental chair (E200B standard)

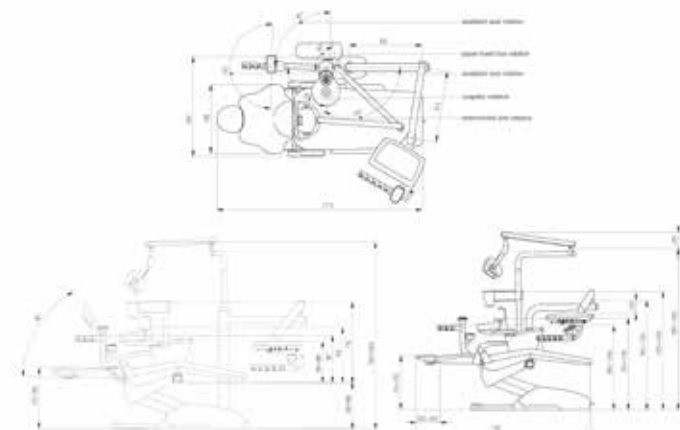


Assistant chair (E200B standard)



### Specifications

|                          |                           |
|--------------------------|---------------------------|
| Method of transportation | Hanging                   |
| Voltage                  | 50VAC, 115VAC, 220-240VAC |
| Supply frequency         | 50/60Hz                   |
| Inlet water pressure     | 200-400kpa                |
| Inlet air pressure       | 150-300kpa                |
| Weight                   | 130kg                     |
| Mounting                 | Floor mounting            |
| Color                    | White (RAL9010)           |



An implant guide that can be completed by the dental chair in 30 minutes

- Simple, Smooth and safe



*The Best Solution  
for Beginner*



An implant guide that can be completed by the dental chair in 30 minutes

Along with the development of implant dentistry, we have realized the importance of implant positioning. The iEZguide Implant Guide System is designed by the R&D team led by Professor Hom-lay Wang from the University of Michigan, USA. This innovative continuous semi-circular Implant Surgical Guide System is compatible with most of the implant systems available on the market. It is the best choice for implant dentists considering its multiple advantages, such as simple operation, accurate positioning, good visibility, reduced mouth-opening requirement, easy-to-use feature, shortened operation time, and low cost





## Feature of Product

### 3S Warranty of iEZguide

#### Simple

Completed in 30 min



#### Traditional guide

The production of traditional guide requires many complicated procedures, such as CT image collection, intraoral scanning, software-based data processing, 3D printing, sleeve machining and guide bonding, all of which involve long production time and high costs. Also, errors may occur at each step, increasing difficulty in tracking errors.

iEZguide < 30 min

Traditional guide > 3 Day

#### iEZguide

The production of guide can be completed by the dental chair in 30 minutes, through simple operation and with a small margin of errors.



#### Smooth

Mouth opening reduced by 8mm

- As compared to the traditional guides, iEZguide requires 6 to 8mm smaller mouth opening, thus reducing the mouth-opening requirement.
- The ceramic guide can be used repeatedly to lower the cost.



The C-shape design of iEZguide allows the dental drill to go in from the lateral, reducing the mouth-opening requirement on patients.



When a traditional guide is used, the dental drill needs detouring and surpassing the guide to reach the molar teeth.

#### Safe

Reliable cooling by C-shape opening

- The C-shape ceramic design improves the efficiency of water injection cooling for the dental drill.
- The C-shape opening design allows good visibility for operation.
- The specific surgical kit is compatible with most of the implant systems available on the market.



|                         | iEZguide                      | Digital guide  |
|-------------------------|-------------------------------|--|
| Production time         | < 30 min                      | > 3 day  |
| Mouth opening           | Small                         | Big  |
| Visibility              | Good                          | Not good   |
| Water injection cooling | Good                          | Not good   |
| Applicability           | Applicable to various systems | Data bases for various implant systems are required. |
| Accuracy                | High                          | Ordinary   |



CBCT launches different series of products,  
with a broad vision of 18cm\*10cm;16 cm \* 8 cm.

 Bondent



REDUCE ARTIFACTS

 Bondent

- Better image
- Intelligent 3D pano
- Professional software

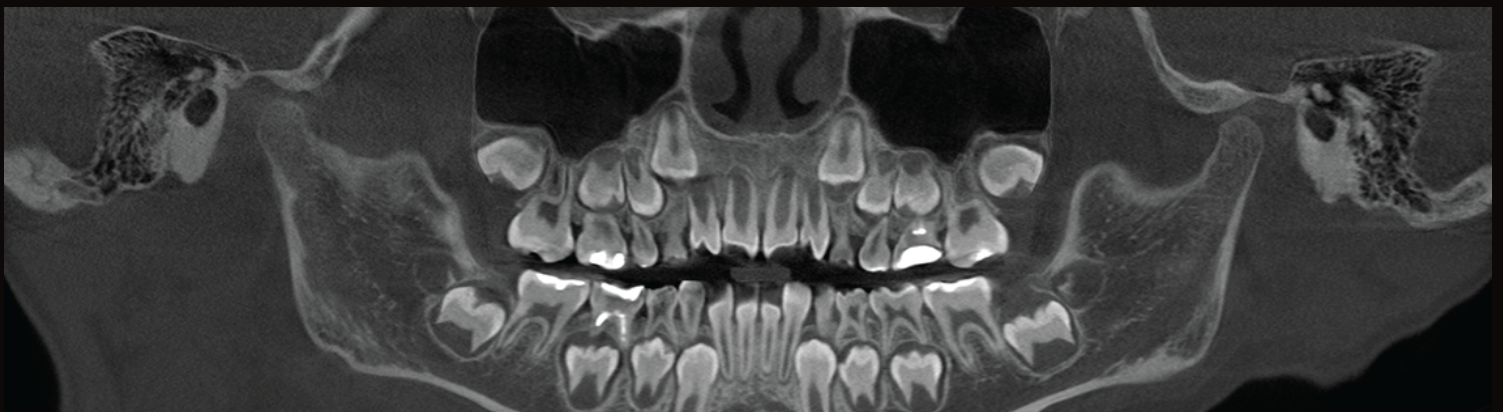


**Bondream CBCT:**

Focusing on the industry-leading imaging technology, CBCT launches different series of products, with a broad vision of 18cm\*10cm;16 cm \* 8 cm.

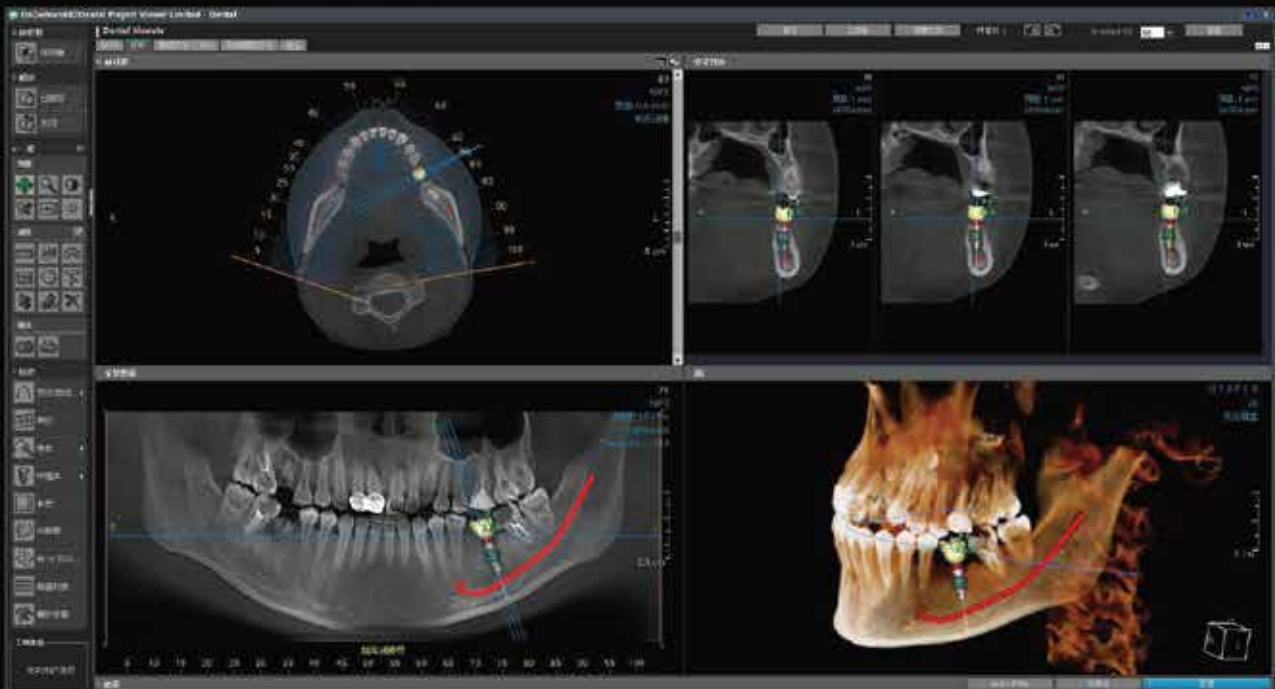
**Core technologies:**

- AI-Based Quasi-Spectrum Metal Artifact Correction;
- Low-Dose CT with AI Enhanced Signal-to-Noise Ratio;
- Intelligent 3D pano;
- Ceph AI automatic tracing point
- 



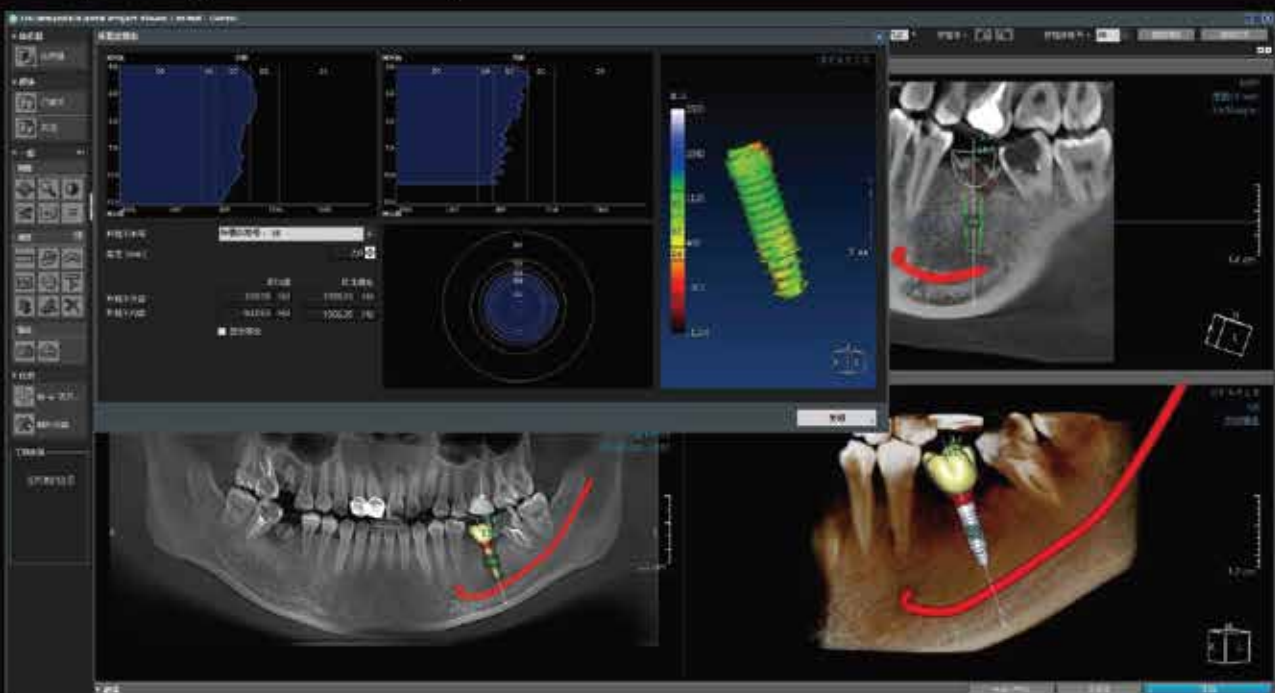
# Features

1. Restoration oriented implanting simulation insure the surgical safety and improve doctor-patient communication



- 3D measurement of alveolar bone
- Mandibular nerve canal marking
- Dental crown, abutment and implants simulation

2. Implanting effect accurately verified in all directions.



- Relationship between the implant and surrounding tissue was verified at 360 degrees.
- Color contrast to check the bone density around the implant, effectively avoid the risk after surgery.



# Bondent

## Bondent Academy

Bondent Academy is a dental training platform specially built by Bondent Group for Dentists in China. By providing practical and cutting-edge international technical and management training for dentists, it helps to promote the professional development of dentists.







**Bondent Academy is a dental training platform specially built by Bondent Group for Dentists in China**



