

Better Dentistry, Better Life

Product
Catalog
2026



Contents

- 02 IMAGING
- 46 DENTAL UNIT
- 64 OPTICS
- 90 ENDO INSTRUMENTS
- 98 ENDO DEVICES
- 110 ACADEMY
- 113 BONCARE

www.bondent.eu



1 Imaging
P.02~45



2 Dental Unit
P.46~63



3 Microscope
P.64~89



4 Endo Instruments
P.90~97



5 Endo Devices
P.98~109



Bondent Group is a platform that provides "integrated services" for the dental profession. From education and training of doctors, introduction of foreign cutting-edge technology, to domestic independent research, development and manufacturing, the company is committed to creating a new and healthy dental-medical ecosystem through seamless integration of physical and virtual presence, thereby, improving the quality of personal and professional lives of dentists around the world.

📌 We have 8 subsidiaries, 15 offices and more than 1000 employees globally. Be tolerant to diversity, tolerance is a virtue. Bondent is 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"

Today, Bondent's product portfolio consists of dental equipment: Semor microscope, CBCT & dental unit as well as consumables like UDG endo files, IEZ implants and Dr. Kelier Invisible Aligner.



Introduction

📍 United Dental is located in Shanghai, and our factory is in Changzhou, Jiangsu Province, both in East China. United Dental is a dedicated manufacturer on orthodontics and endodontics with wide product lines: brackets, archwires, molar bands, buccal tubes, endo instruments, mini implants, etc. All products have CE, FDA and ISO certifications.

Our patented products, like the M3-series rotary files, have gained high praises from clinic, hospital, university users, with increasingly satisfied customers every day. We are continuously looking for more business partners who share our vision of providing high quality products and service to more doctors and patients.

**The Files
that Canals
Love**



Endo Instruments

Not every product is available in all areas; contact your Bondent representative details.

📌 For Endodontic Products, it covers endo files, obturation instruments and endo accessories.

Hand Instruments

K Files



Cross Section

- Silicone stopper and X-ray visible length marks for precise working length.
- Stainless steel.
- Lengths in 21, 25, 31 mm.
- Sizes in #6, #8, #10, #15–#40, #45–#80.

Certification: Medical Class I, EC Declaration of Conformity

C Files



Cross Section

- Higher resistance, ideal for scouting and removing canal obstructions.
- Stainless steel.
- Lengths: 21, 25, 31 mm.
- Sizes: #6, #8, #10, #12, #15.

Certification: Medical Class I, EC Declaration of Conformity

H Files



Cross Section

- Silicone stopper and X-ray visible length marks for precise working length.
- Stainless steel.
- Lengths: 21, 25, 31 mm.
- Sizes: #6, #8, #10, #15–#40, #45–#80.

Certification: Medical Class I, EC Declaration of Conformity



Reamers



Cross Section

- Silicone stopper and X-ray visible length marks for precise working length.
- Stainless steel.
- Lengths: 21, 25, 31 mm.
- Sizes: #6, #8, #10, #15–#40, #45–#80.

Certification: Medical Class I, EC Declaration of Conformity

Micro Opener



- Designed for micro endodontics – efficient posterior orifice opening.
- 4% taper. Sizes #10, #15, #20.
- Lengths in 21 mm.

Certification: Medical Class I, EC Declaration of Conformity

Micro Shaper



- Designed for micro endodontics- ideal for scouting and negotiation in posterior teeth.
- 2% taper. Sizes #20, #25, #30.
- Lengths in 21 mm.

Certification: Medical Class I, EC Declaration of Conformity

Engine Files

M3 ▪ Opener



Cross Section

- High cutting efficiency and superior debris removal.

M3 ▪ Safe Opener



Cross Section

- Flat-side geometry for safer canal entry.
- Efficient cutting and debris removal.

M3 ▪ Path



Cross Section

- Respects natural canal anatomy while shaping.
- Enhanced flexibility and cyclic fatigue resistance, without losing cutting efficiency.
- Available in 13vt, 16vt, 19vt.

M3 ▪ Safe Path L



Cross Section

- Flat-side design increases debris removal and minimizes screw-in effect.
- ISO color-coded tip for instant size recognition.
- Available in 10vt, 13vt, 16vt.

Certification: Class IIa, CE,ISO

Shaping

Rotary NiTi Series

Platinum V.EU



Europe, latam, cis/cee



Cross Section

- S-shaped cross-section with flat side – effective debris removal, less screwing.
- Blue nano coating and fine polishing – superior cyclic fatigue resistance.
- Heat-treated for flexibility without compromising cutting efficiency.
- Sizes in 17/12vt, 15/04vt, 20/05vt, 25/04vt, 30/04vt, 25/06vt.
- Sterile pack option.

Certification: Class IIa, CE,ISO

M3•Pro Gold V.3



Cross Section

- Controlled-memory NiTi – ideal for curved canals, high fatigue resistance.
- Sharp cutting edges with non-cutting safety tip – efficient and safe.
- Sizes: 17/12vt opener #12, #16 path files; 18/05vt, 25/06vt, 35/04vt.

Certification: Class IIa, CE,ISO

SuPliable



Cross Section

- Soft, pre-bendable NiTi – excellent flexibility.
- Special blue heat treatment.
- Sizes in 17/08vt, 15/03vt, 20/04vt, 25/04vt, 30/04vt, 35/04vt.

Certification: Class IIa, CE,ISO

M3•L Platinum

(Heattreated NiTi)



Cross Section

- Heat-treated NiTi – single use recommended.
- 3 glider for smoother glide path.
- Sizes in 17/12vt, 12/02vt, 13/02vt, 16/02vt, 20/07vt, 25/06vt.

Certification: Class IIa, CE,ISO

CC•Premium V.EU



Europe, latam, cis/cee



Cross Section

- Static grinding and S-shaped cross-section – continuous chip removal.
- Non-cutting tip for safety.
- Sizes in 17/12vt, 20/04, 25/06, 35/04

Shaping

ReciprocatingNiTi Series

Flash



- Patented flat-side design – perfect debris removal.
- Blue heat-treated material – excellent flexibility.
- Sterile pack option.
- Sizes in 2004vt, 2506vt, 3505vt.

Available with 21mm, 25mm and 31mm length
Certification: Class IIa, CE, ISO

CC•One Blue



Cross Section

- Nano blue coating – enhanced wear resistance.
- Four sizes: 20/07, 25/08, 30/08, 40/06

Certification: Class IIa, CE,ISO

Special Function

M3•Immature



Cross Section

- Heat-treated NiTi –high fatigue resistance.
- Specifically for pediatric RCT.
- Only 16 mm length.
- 4% taper: 20/04, 25/04, 30/04
- 6% taper: 20/06, 25/06, 30/06.

Certification: Class IIa, CE,ISO

M3•Immature Blue



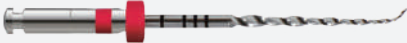
Cross Section

- Enhanced flexibility and softness with blue heat treatment
- 16 mm only.
- Same taper and size range as M3-Immature.

Certification: Class IIa, CE,ISO

M3•T

(Heat-treated NiTi)



Cross Section

- Pre-bent tip – efficient removal of ledges and elbows.
- Sizes in 10/06, 10/08, 15/06, 20/07, 25/08, 30/09.

Certification: Class IIa, CE,ISO

M3•TP

(Heat-treated NiTi)



Cross Section

- Apical enlargement without widening coronal/middle portions.
- 2% taper. Sizes in #30, #35, #40, #50, #60.

Certification: Class IIa, CE,ISO

M3•RT



Cross Section

- Continuous rotation for sequential GP removal.
- Highly efficient and easy to use.
- Sizes: 30/09 (16 mm), 25/08 (18 mm), 20/07 (22 mm).

Certification: Class IIa, CE,ISO

Cleaning and Irrigation

Irrigation Needle



- Closed-end, double-sided venting – no pressure to apex.
- Excellent irrigation safety. Gauge 30.
- Lengths in 22 mm (posterior), 26 mm (anterior).

Certification: Medical Class I, EC Declaration of Conformity

Obturation

Plugger



- NiTi small tip and stainless steel large tip.
- Color-coded configurations: GREEN #35/#70, BLACK #40/#80, ORANGE #50/#100, BLUE #60/#120.

Certification: Medical Class I, EC Declaration of Conformity

Please Consult local sales team for specific countries available for purchase

Paste Filler



- For obturation material placement.

Certification: Medical Class I

Please Consult local sales team for specific countries available for purchase

GP Points



- True-to-size, resists distortion.
- Tapers in 2%, 4%, 6%.

Certification: Class IIa, CE,ISO

Please Consult local sales team for specific countries available for purchase

Paper Points



- Highly absorbent
- Tapers in 2%, 4%, 6%.

Certification: Class IIa, CE,ISO

Accessories

Endo Clean Box



- Autoclavable. TPX plastic construction.

Certification: Medical Class I, EC Declaration of Conformity

Endo Organizer



- Autoclavable file organizer.

Stopper



- Silicon stoppers, 1.5 mm thickness.

Hand Files Holder



- Medical grade stainless steel.
- Autoclavable.
- Blue color for easy identification in clinical setting.

Certification: Medical Class I

Training Block



- For endodontic training.

3D Tooth



- Replica of maxillary first molar with MB2 canal.

Training Kit



- Complete workshop kits available.



Introduction

🕒 Changzhou Bomedent Medical Technology Co. Ltd is a high-tech enterprise which focuses on researching, developing, selling and servicing dental instruments.

Our main products are endodontic micromotor; apex locator and related products. Our R&D team has more than ten years experience in the development of dental products.

The
Motors
that Files
love



Bondent Series Endo Motors & Apex Locators

-  **Bondent range of products:**
 - iRoot Apex:** Apex Locator.
 - Marc III:** Cordless Endo Motor.
 - iRoot Pro:** Endo Motor + Apex Locator.



iRoot Apex

Working
Length
Determination

Marc III

Shaping

iRoot Pro

Shaping

IMAGING

DENTAL UNIT

MICROSCOPE

ENDO

ENDO DEVICES

ACADEMY

BONCARE

iRoot Apex
Smart precise Apex Locator

Working
Length
Determination

Easy Start



Integrated
Bluetooth

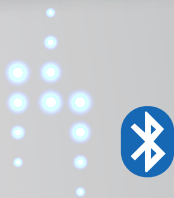
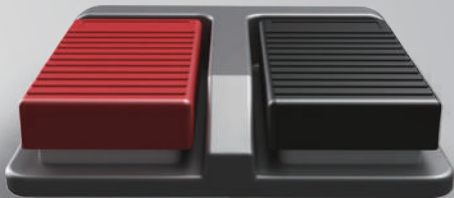


Equipped with high precision gyroscope; display mode switches according to the state of display.

iRoot Pro
Cordless Endo Motor
with integrated Apex Locator

Shaping

iPedal



Marc III
Cordless Endo Motor

Shaping



Marc III can be connected to iRoot Apex by cable.

IMAGING

DENTAL UNIT

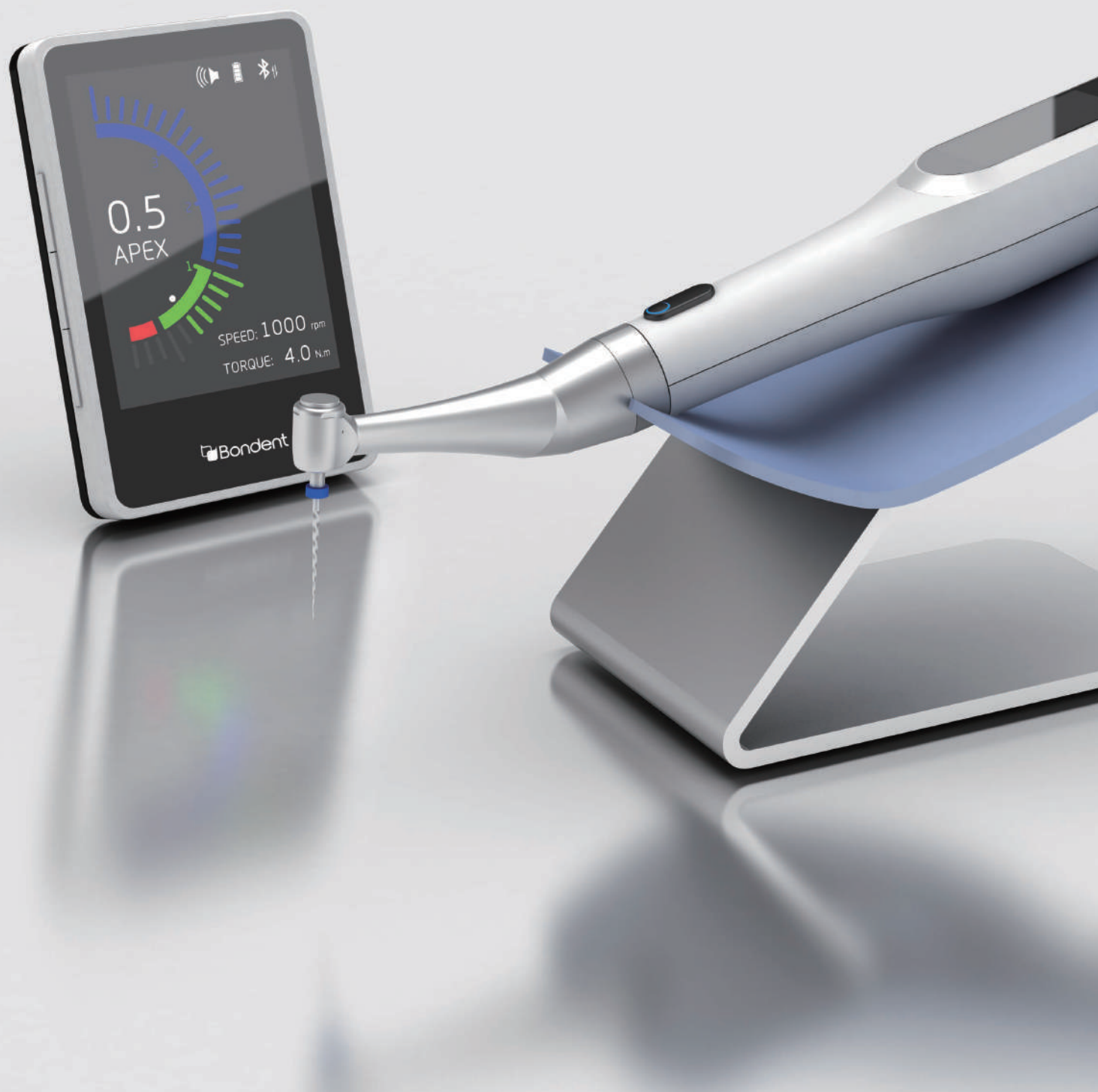
MICROSCOPE

ENDO

ENDO DEVICES

ACADEMY

BONCARE



Wismy Series

Endo Motors & Apex Locators

Wismy range of products:

- Endo Wise:** Cordless Endo Motor.
- Endo-Wise Plus:** Cordless Endo Motor + Apex Locator.
- Wispex:** Apex Locator



Wispex

Working Length Determination

Endo wise

Shaping



Endo wise Plus

Shaping

IMAGING

DENTAL UNIT

MICROSCOPE

ENDO

ENDO DEVICES

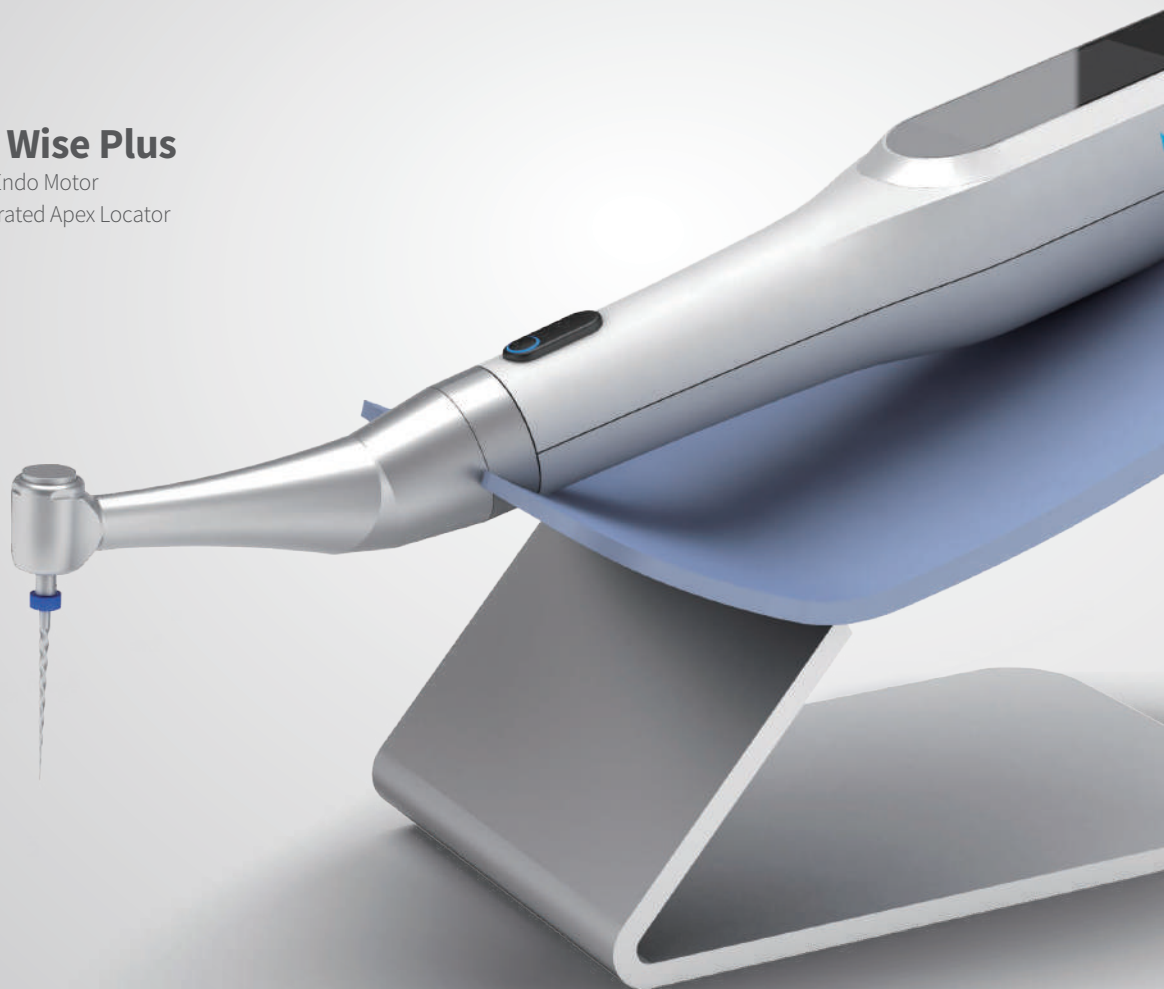
ACADEMY

BONCARE

Endo Wise Plus

Cordless Endo Motor
with integrated Apex Locator

Shaping



WispeX

Apex Locator

Working
Length
Determination



Four Working Modes

1

APEX
LOCATOR
CONTROLLED
MOTOR

2

MOTOR
APEX
LOCATOR
INDEPENDENT

3

ONLY
APEX
LOCATOR

4

ONLY
MOTOR

Accurate. Sensitive.

- High definition TFT Screen.
- Multi-frequency measurement technology guarantees high accuracy.
- Multi-color display by position.
- Segmented display of the file in root canal.
- Working length adjustable.
- Not affected by fluid or tissue in the root canal.
- Suitable for all tooth types.



Type	Portable / Cordless
Memory	10 Memory Setting
Rotation	Clockwise / Anti-Clockwise/Reciprocating
Reciprocating	Rotation Angle Adjustable
Speed/Torque	800 rpm Max / 4.0 Ncm Max
Battery	Rechargeable / Replaceable
Charging	Micro USB
Display	OLED
Available Contra Angle	16:1
Apex Locator Control Motor Working Mode/Torque Control	Auto Start in the Root Canal Auto Reverse when Reaching Apical Foramen Auto Reverse when Exceeding the Torque Limit Value

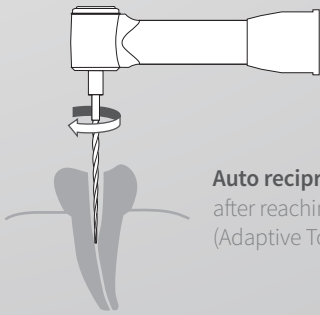


 Endo Wise
Cordless Endo Motor

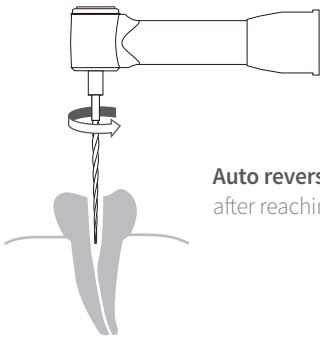
Shaping

Features

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



Auto reciprocating
after reaching preset torque limit
(Adaptive Torque)



Auto reverse
after reaching torque limit

IMAGING

DENTAL UNIT

MICROSCOPE

ENDO

ENDO DEVICES

ACADEMY

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ULTRASONIC ENDO ACTIVATION DEVICE

Actor I Pro Ultrasonic Endo Device

Cleaning and
Irrigation



Two working modes
regular and high power options,
for different situations.



1600mAh
Long standby time



Wireless connection
Faster and more convenient.



**Small amplitude
Strong Power**



Mute ultrasonic technology.
Small amplitude but strong power
working more stable and less noisy.



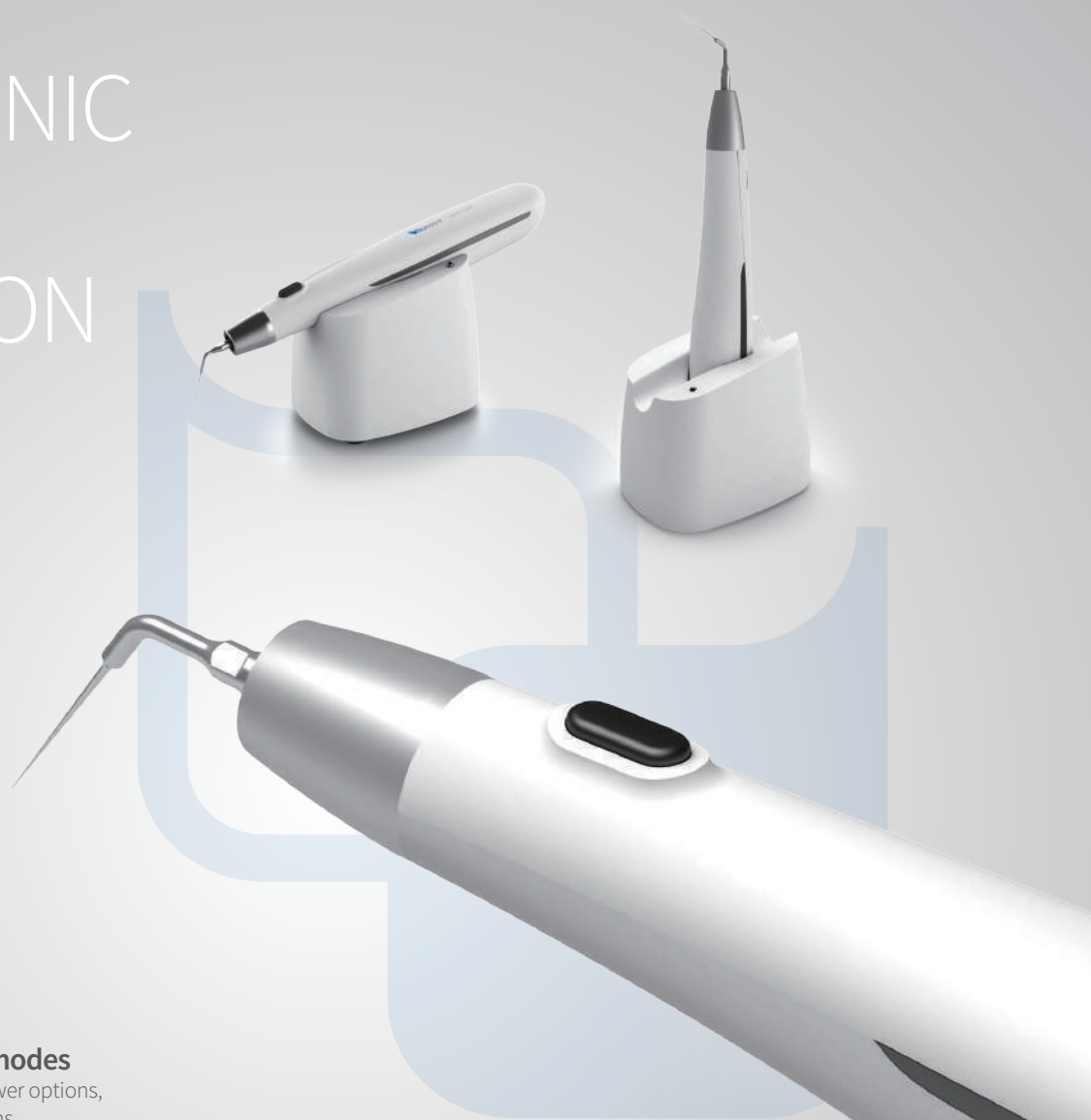
**Different tips to meet more root
canal requirements**
20/02-21mm, 25/02-18mm



Wireless control(optional)
Wireless foot control, allows hands-free
operation by dentist.



Front light
The LED light gives a better view
inside oral cavity.



Bondent Series

Obturation Systems & Ultrasonic Irrigation System



eHeater

Obturation



eFiller

Obturation

Bondent range of products:

Actor I Pro: Ultrasonic Endo Activation Device.

eFiller: Obturation System Backfill.

eHeater: Obturation System Down Pack.

Bondent | Actor I Pro

DOWN PACK



eHerter

Obturation System Down Pack



Safe working time

Work continuously for 4 seconds then stop heating, to avoid danger of scorching the soft tissues.



2600mAh

Long standby time



0.2 to 200°C

The temperature rises instantaneously in 0.2 seconds, no waiting.



Rotatable tip

The needle can be rotated to adapt to multi-angle operation.



Wireless control(optional)

Wireless foot control, allows hands-free operation by dentist.



Front light

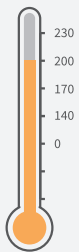
The LED light gives a better view inside oral cavity.

PACKFILL



eFiller

Obturation System Backfill



Rapid heating

It takes only 14 seconds to quickly melt the gutta percha. Reduces the warm-up waiting time.



2600mAh

Long standby time



Ergonomic design

Balanced and comfortable handling



Four working temperatures

Wide temperature range, adapt to different gutta percha points on the market.

140°C 170°C 200°C 230°C

BONDENT ACADEMY

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

Bondent Academy supports the international Continue Educations, University Grant Program and Global OPLs Network.



Invisible Orthodontics



Periodontal Implant



Micro Endodontic



General Laser



Manage Operations



Imaging Equipment

IMAGING

DENTAL UNIT

MICROSCOPE

ENDO

ENDO DEVICES

ACADEMY

BONCARE



Boncare, born to care,
ready to serve.

Boncare, Bondent's after-sales service sub-brand. Guided by the philosophy **"Boncare, born to care!"**, it is dedicated to delivering fast, reliable, and systematic support, ensuring dental professionals worldwide can practice with confidence.

📌 Boncare Advantages



24/7 Fast & Reliable Response

Rapid Response to Minimize Wait Times and Reduce Downtime.



Life-Cycle Care, End to End

Guiding You Every Step of the Way:
From Vision to Value.



Global Reach, Local Support

Providing Localized Service Worldwide.
Where Challenges Grow, We Flow.

Contact Boncare Team:

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