

RAMO MEDICAL

# ENDODONTIC CATALOGUE

Make Endodontic Simple Safe Efficient



# CONTACT US

Our team's vision is to be a team capable of continuous innovation and continuous progress. We hope that through our efforts, we can bring better services and products to endodontists and make our own contributions to the development of the industry.

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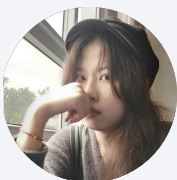
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## FEATURES

- © Flexible.
- © Upgraded slim S-shaped cross section.
- © The first nano coated rainbow file in the world. Maximum increases surface rigidity while improving cyclic fatigue resistance.
- © Advanced polishing technology increases cyclic fatigue resistance by 30%.
- © Greater torsional resistance and flexural strength.

Size	2004	2006	2504	2506	3004	3006	3504	3506
Product								
Length	21/25/31(mm)							
Packing	SX+3PCS 2004/Blister SX+3PCS 2006/Blister		SX+3PCS 2504/Blister SX+3PCS 2506/Blister		SX+3PCS 3004/Blister SX+3PCS 3006/Blister		SX+3PCS 3504/Blister SX+3PCS 3506/Blister	

## PRODUCT DETAILS











<ul style="list-style-type: none"> <li>• Slim S cross section</li> </ul> 	<ul style="list-style-type: none"> <li>• Speed&amp;Torque 400RPM/2.0N</li> </ul> 
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## IMAGE&PACKING



## FEATURES

- © Two safe sides, multi cross section symmetrical design to make whole file dint even, making the cutting more stable and efficient.
- © Upgraded slim S-shaped cross section with two safe sides to release more space for debris with higher efficiency.
- © Increases patient safety with enhanced flexibility and resistance to cyclic fatigue.
- © Respect the original anatomy of the tooth.
- © Unique design.

Size	2004	2006	2504	2506	3004	3006	3504	3506
Product								
Length	21/25/31(mm)							
Packing	SX+3PCS 2004/Blister SX+3PCS 2006/Blister		SX+3PCS 2504/Blister SX+3PCS 2506/Blister		SX+3PCS 3004/Blister SX+3PCS 3006/Blister		SX+3PCS 3504/Blister SX+3PCS 3506/Blister	

## PRODUCT DETAILS










<ul style="list-style-type: none"> <li>• Slim S cross section with two safe sides</li> </ul> 	<ul style="list-style-type: none"> <li>• Speed&amp;Torque 500RPM/2.5N</li> </ul> 
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## IMAGE&PACKING





## FEATURES

- ⊗ Rotary path file.
- ⊗ Suitable for curved canals.
- ⊗ More flexible than K-files.
- ⊗ Faster instrument time than manual K-files.
- ⊗ 7 sizes available.

Size	1302	1602	1902	1003	1203	1503	1903
Product							
Length	21/25/31(mm)						
Packing	4PCS/Blister			6PCS/Blister			

## PRODUCT DETAILS









<ul style="list-style-type: none"> <li>• Square cross section</li> </ul> 	<ul style="list-style-type: none"> <li>• Speed&amp;Torque 350RPM/1.5N</li> </ul> 
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## IMAGE&PACKING



## FEATURES

- ⊗ Multi-Taper system.
- ⊗ SX,S1,S2 are flexible;F1, F2, F3 are extremely flexible, both have memory control.
- ⊗ Ensures that shaping file has good cutting efficiency and finishing file can save more dentin.

Size	SX	S1	S2	F1	F2	F3
Product						
Length	21/25/31(mm)					
Packing	6PCS/Blister					

## PRODUCT DETAILS



<ul style="list-style-type: none"> <li>• Triangle cross section</li> </ul> 	<ul style="list-style-type: none"> <li>• Speed&amp;Torque 350RPM/2.0N</li> </ul> 
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## IMAGE&PACKING







## FEATURES

- © Extremely flexible.
- © Suitable for all root canal treatment, including very curved canal.
- © Traditional six files system, easy to operate.

Size	1708	1303	2004	2504	3004	3504
Product						
Length	21/25/31(mm)					
Packing	6PCS/Blister					

## PRODUCT DETAILS






<ul style="list-style-type: none"> <li>• Triangle cross section </li> </ul>	<ul style="list-style-type: none"> <li>• Speed&amp;Torque 350RPM/2.0N </li> </ul>
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## IMAGE&PACKING

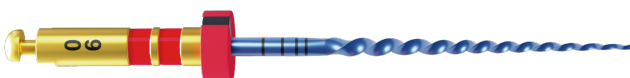


## FEATURES

- © Control Memory.
- © Reciprocating motion, CW30, CCW150.
- © Consistent taper, more stable.
- © The cutting angles and the improved raw material provide high efficiency and cutting performance.
- © Non-cutting tips.

Size	2006	2506	4006
Product			
Length	21/25/31(mm)		
Packing	3PCS/Blister		

## PRODUCT DETAILS







<ul style="list-style-type: none"> <li>• Triangle cross section </li> </ul>	<ul style="list-style-type: none"> <li>• Speed&amp;Torque CCW150/CW30 </li> </ul>
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## IMAGE&PACKING

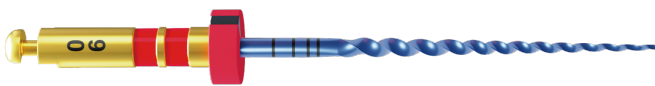




## FEATURES

- ◎ Control Memory.
- ◎ The perfect combination of resistance to cyclic fatigue and cutting efficiency.

Size	1708	1805	2506	3504
Product				
Length	21/25/31(mm)			
Packing	4PCS/Blister			

## PRODUCT DETAILS







<ul style="list-style-type: none"> <li>• Triangle cross section </li> </ul>	<ul style="list-style-type: none"> <li>• Speed&amp;Torque 350RPM/2.0N </li> </ul>
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## IMAGE&PACKING





## FEATURES

- ◎ Super flexible.
- ◎ Short length design is more suitable for use on children.
- ◎ Improved cutting efficiency and resistance of cyclic fatigue.

Size	1708	2004	2504	3004
Product				
Length	10mm	16mm		
Packing	4PCS/Blister			

## PRODUCT DETAILS



<ul style="list-style-type: none"> <li>• Triangle cross section </li> </ul>	<ul style="list-style-type: none"> <li>• Speed&amp;Torque 350RPM/2.0N </li> </ul>
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## IMAGE&PACKING








# RCS *RETREATMENT* FILE

09

## FEATURES

- ⊙ High shaping to remove gutta-percha and paste fillers fast.
- ⊙ 5 sizes to meet all retreatment needs.

Size	1005	1506	2007	2508	3009
Product					
Length	16mm	18mm	22mm	18mm	16mm
Packing	3PCS/Blister			5PCS/Blister	

## PRODUCT DETAILS



<ul style="list-style-type: none"> <li>• Rhombus cross section </li> </ul>	<ul style="list-style-type: none"> <li>• Speed&amp;Torque 350RPM/2.0N </li> </ul>
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## IMAGE&PACKING



# RCS *SCLEAN*

10

## FEATURES

- ⊙ Cleaning file.
- ⊙ Up to 98% bacterial reduction in the main canal;
- ⊙ 2X more debris removal.
- ⊙ Superior resistance to cyclic fatigue.
- ⊙ Be compatible with all rotary or reciprocating endo systems.
- ⊙ Gently abrade canal walls and dislodge debris in difficult to reach areas.
- ⊙ Non-cutting and non-active tip.

Length	Taper&Size	Packing
25(mm)	1%/#25	4PCS/Pack









<ul style="list-style-type: none"> <li>• Triangle cross section </li> </ul>	<ul style="list-style-type: none"> <li>• Speed&amp;Torque 800RPM/1.0N </li> </ul>
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## PRODUCT DETAILS





**FEATURES**

- Ⓒ 02 taper design.  
Large size files can also safely enter curved root canals, reducing the risk of instrument separation.
- Ⓒ Protect dentin.  
Enlarge the apical hole enough to remove bacteria, and retain the dentin in the middle and upper section of the root canal to avoid excessive cutting.
- Ⓒ Effectively solve the problem of insufficient root tip preparation.

Size	3002	3502	4002	4502	5002	6002
Product						
Length	21/25/31(mm)					
Packing	6PCS/Blister					

**PRODUCT DETAILS**



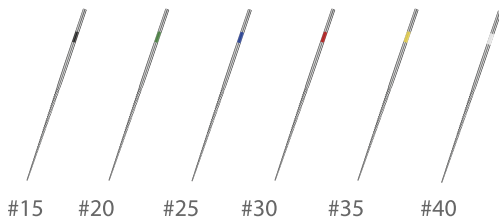
<ul style="list-style-type: none"> <li>• Square cross section </li> </ul>	<ul style="list-style-type: none"> <li>• Speed&amp;Torque 300RPM/1.5N </li> </ul>
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**IMAGE&PACKING**



**Ultrasonic NiTi File**

Ultrasonic NiTi File use the principle of ultrasonic vibration to clean root canals and remove calcification in the root canals, and are used in conjunction with ultrasonic root canal treatment instruments.



Size	32.5mm
#15	S18 0101 00015 32.5
#20	S18 0101 00020 32.5
#25	S18 0101 00025 32.5
#30	S18 0101 00030 32.5
#35	S18 0101 00035 32.5
#40	S18 0101 00040 32.5

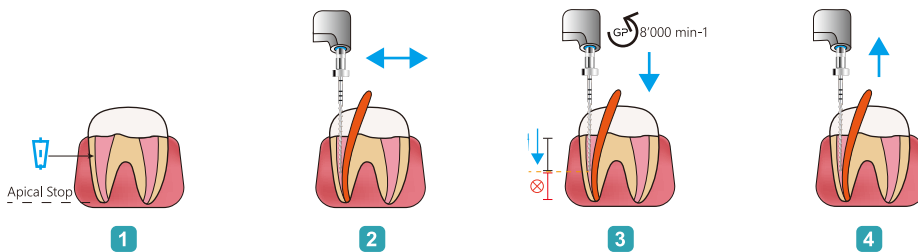


PRODUCT DETAILS



STEP-BY-STEP INSTRUCTIONS FOR USE OF RCS GP FILES

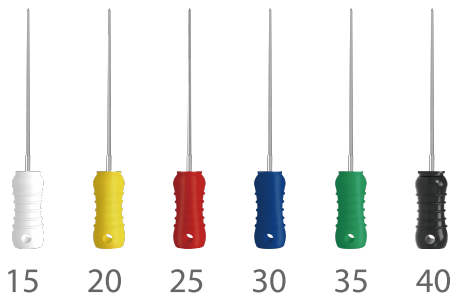
- (1) Establish the working length and apical stop of the root canal.
- (2) Insert the the gutta-percha point and the RCS GP FILE into the canal, and press the RCS GP FILE against the gutta-percha.
- (3) Descend the RCS GP FILE into the canal, rotating clockwise at 8'000 min-1. Do not penetrate it to a distance of less than 2 mm from the apex.
- (4) Back the files out of the canal, without opposing strong resistance.



HAND FILE

RCS SPREADER

RCS Spreader File is tapered and is used to move the gutta-percha laterally to make room for additional gutta-percha cones to be placed in the root canal space.



- For lateral filling for root canal filling materials.
- Hand instrument with a smooth and tapered working end.
- Provide a better sense of tactile and less likely to cause a fracture in the root of the tooth.

## RCS C FILE

- Gold Wire Tech.
- Extremely sharp.
- Special for negotiating through a calcified root canal.



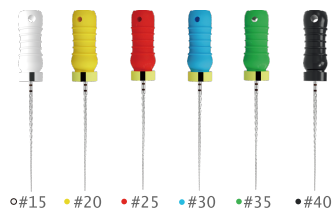
## RCS SHAPE D

- Stainless steel, rigid.
- Shaped D cross section.
- Use for enlarging root canal and negotiating calcified and narrowed root canal.

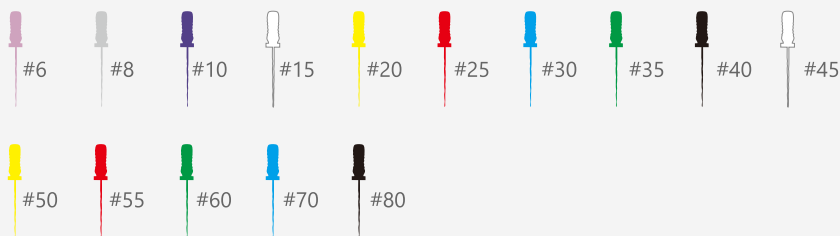


## RCS H FILE

- High quality stainless steel.
- Comfortable grip, clear product texture.
- High-quality fine steel, high temperature resistance.
- high pressure resistance and high corrosion resistance.
- Not easy to loose, adopt integrated design.

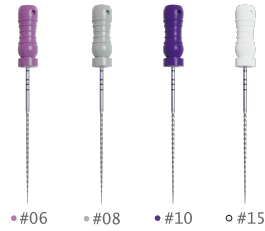


## OPTIONAL MODEL

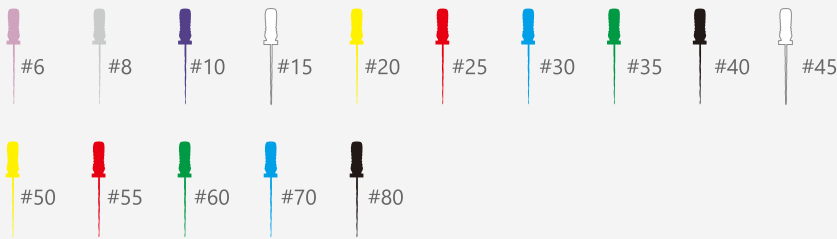


## RCS K FILE

- Simple
- Safe
- Efficient

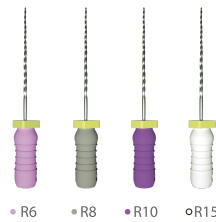


## OPTIONAL MODEL

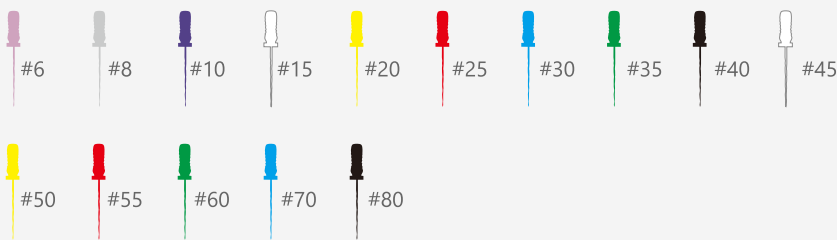


## RCS R FILE

- High quality stainless steel.
- Better elasticity, strong cutting ability.
- Excellent corrosion resistance and suitable hardness.



## OPTIONAL MODEL





# ABSORBENT PAPER POINTS

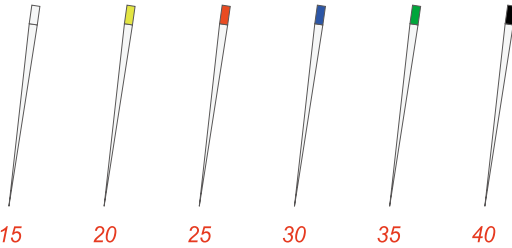
15

- Highly absorbent.
- Various sizes & tapers.
- Color-coded.
- Rigid enough to insert in canals without curling or bending.



PP.04

PP.VT



PP.06

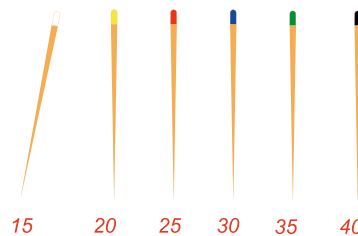
# GUTTA PERCHA POINTS

16

- Variable tapers & Sizes designed to predictably fit shaped canals.
- Excellent radiopacity.
- Long shelf life.
- Color coded points according to ISO.
- Flexibility for available entrance into tiny and curved canals and completely seals the entire length of the canal.



GP.04









GP.06



GP.VT

**FEATURES**

-  New colorful screen Touch key.
-  Silver, Champagne gold Zinc magnesium alloy Surface paint technic Fashion and beautiful.
-  High performance lithium battery Super long standby.
-  Intelligent Internet with Endo Smart II Expanding while measuring.
-  Imported chip Ai algorithm Instant calibration.
-  Adjustable viewing angle Metal base Ultrathin body.



**TECHNICAL PARAMETER**


Battery	CR14500,3.7V 800mAh
Power Adapter	AC100-240V,50/60Hz


Input power	5VA
Screen size	4.0 inch


Real super mini head 6:1  
Clearer vision  
High-efficiency & Super silent

Endo motor & Built-in Apex ACC technic makes operation simpler and safer



 360° Rotary mini head  
Unobstructed view

 Imported chip  
Ai algorithm  
Smooth and efficient cutting  
Accurate to 1°

 Real super mini head 6:1  
Clearer vision  
High-efficiency & Super silent

**TECHNICAL PARAMETER**

Contra angle	6:1
Rotate speed	120~1000rpm
Torque	0.5~4.0 N.cm

Lithium battery	3.7V/1900mAh
Motor	Brushless
Screen	0.96 inch TFT color LCD

# PROBE S

- High quality stainless steel.
- Comfortable grip, clear product texture.
- High-quality fine steel, high temperature resistance.
- high pressure resistance and high corrosion resistance.
- Not easy to loose, adopt integrated design.



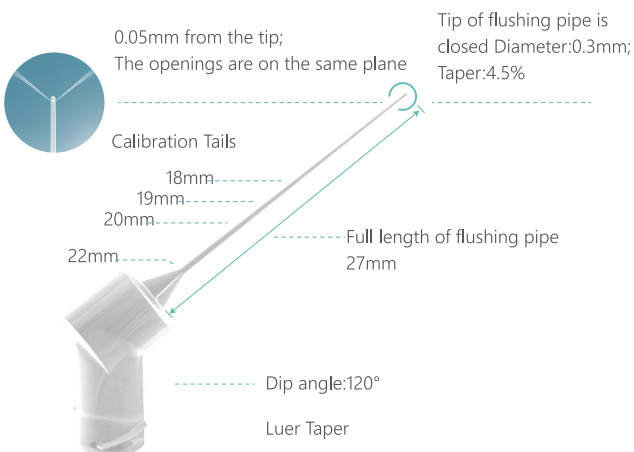
Code	Type	Hole	Color	Length
S-27G-26	Pre-bent	2 holes	Green	26mm
O-27G-26	Straight	2 holes		
S-30G-26	Pre-bent	2 holes		
O-30G-26	Straight	2 holes		
S-27G-22	Pre-bent	2 holes	Yellow	22mm
O-27G-22	Straight	2 holes		
S-30G-22	Pre-bent	2 holes		
O-30G-22	Straight	2 holes		

## IMAGE&PACKING



# PROBE F

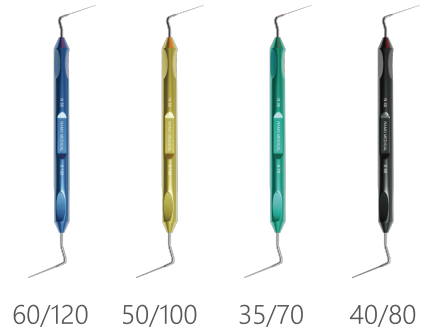
- Pre-bent.
- Follow the original root canal morphology.
- 120° angulation.
- 27mm working length.
- 20pcs/box.



## IMAGE&PACKING



- Reprocessable and reusable instrument.
- High resistance to breaking.
- Resistant to high temperature sterilization.
- The surface of the working end is smooth, and the filling will not stick when pressurized.
- Flexible hand plugger for narrow and curved canals.



Type specification	Working Tip Type and Size
● PLU-D-V-3570	0.35mm NiTi working tip & 0.7mm stainless working tip
● PLU-D-V-4080	0.4mm NiTi working tip & 0.8mm stainless working tip
● PLU-D-V-50100	0.5mm NiTi working tip & 1.0mm stainless working tip
● PLU-D-V-60120	0.6mm NiTi working tip & 1.2mm stainless working tip

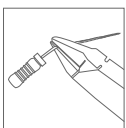
### IMAGE&PACKING



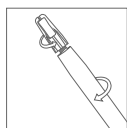
- Find the canal faster.
- Easier to negotiate.
- Tissue debridement.
- Fast Glide Path.
- Easy file installation.
- Simply bend the file for optimal passage.



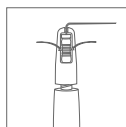
### INSTALLATION METHOD



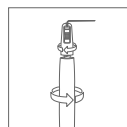
1. Bend the File with Bird Beak Pliers



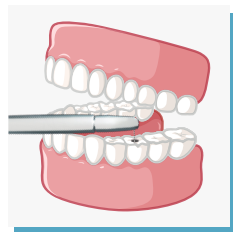
2. Twist the EndoHolder to Open



3. Insert the File into the EndoHolder



4. Twist to Tighten

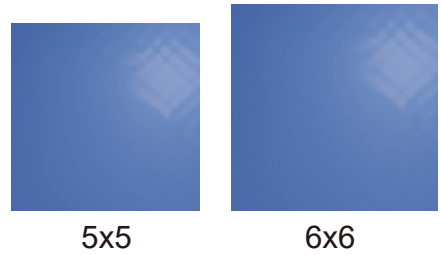


### IMAGE&PACKING



## RUBBER DAM

- Effective prevention of aspiration and ingestion of debris from instruments, flushes or repair materials.
- Making the healing process faster and easier.



UNIT	(6X6)36PCS		(5X5)52PCS	
THICKNESS	0.18mm	0.22mm	0.28mm	
OPTIONAL MODEL				

### IMAGE&PACKING



## S FLIP/S FLIP ULTRA

Integrated Shell Design

1:1 Contra angle

Torque Calibration

Digital OLED Display

Low Noise Motor

Ambidextrous Display



Ultra-reliable Brushless Motor

340 rotatable contra-angle

Front center-of-gravity

Built-in Apex locator

Smooth rotation and lower noise make treatment more endurable for patients

### TECHNICAL PARAMETER

Motor handpiece	
Speed	100R/Min - 1000R/Min
Torque	0.5N·cm - 4.0N·cm
Battery	3.7V / 2000mAh

### IMAGE&PACKING





## **Suzhou RAMO Medical Instrument Co., Ltd**

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*Ramo Medical*



*Ramo\_Medical*