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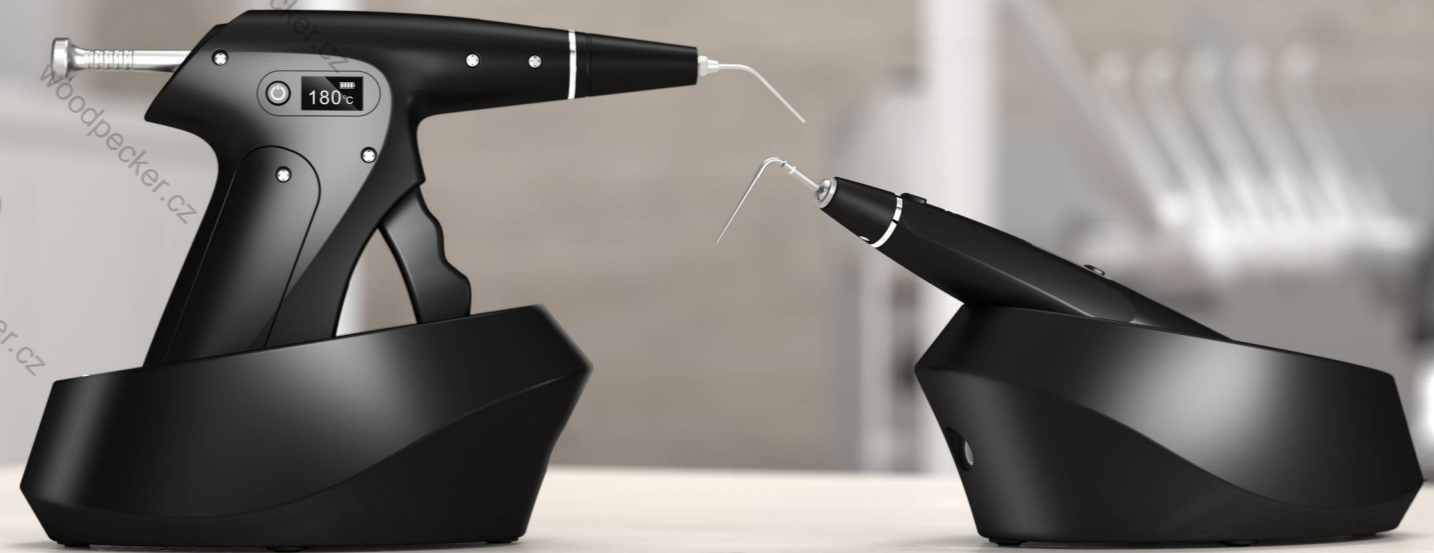
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Fi-G Fi-P

Gutta-percha Obturation System



Softening function

Soften root canal filling material (Gutta-percha) during root canal filling operation.

Diffusion function

Diffuse the root canal filling material (Gutta-percha) to the lateral branch root canals and the lower part of root canal.

Cutting function

Cutting the root canal filling material.

Pressing function

Make the filling material closer by heating and pressing.



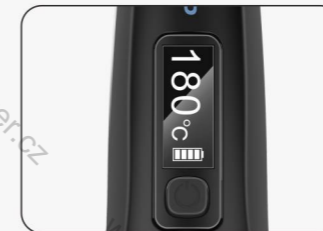
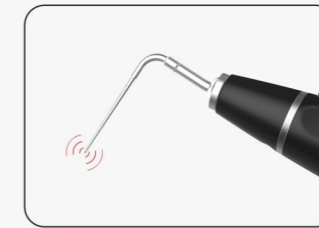


Fi-P

Fi-P adopts wireless, horizontal type, temperature adjusting, and left or right hand operation design, endowing it with outstanding function and characteristics.

Advanced temperature control system

Heat up to preset temperature within 0.5s; *1
Automatic timeout protection ensures safety.



Four preset temperatures

150°C, 180°C, 200°C, 230°C

Left or right hand operation

The screen display orientation can be flipped to accommodate left or right hand operation

Japan Panasonic cell

The battery is reliable and durable. A full charging can allow 1000 times operation. *2
And it is easy to replace the battery.

Pen handpiece

Comfortable holding feeling;
Easy to control during operation.



*1、 Wp5506 and tips with smaller size can heat up to preset temperature within 0.5s.

*2、 With full charging, the device can work for 1000 times if each operation takes 5s.



Product features

- 01** Adopt wireless and light weight ergonomic design which makes it easy for use, cleaning and storage.
- 02** Both visual and auditory prompt for safe operation.
- 03** Six assembling directions of tips are for options.
- 04** Displayed battery level, temperature and status on screen.
- 05** Through heating and vertical pressing, optimally fill all the root canals, including lateral branch root canal.
- 06** Different sizes of tips are for options. Tips with different sizes are easy to identify as tips are marked with rings of different colors.



Accessory

- Power adapter with cable - 1
- Tip - 4 (Models are as shown in Table)
- Heat insulation sleeve of tip - 4

No.	Model	Tip Size (mm)	Taper	Comments
1	WP3004	0.30	0.04	Sold separately
2	WP3504	0.35	0.04	Sold separately
3	WP4004	0.40	0.04	Included
4	WP4504	0.45	0.04	Included
5	WP5506	0.55	0.06	Included
6	WP5508	0.55	0.08	Included
7	WP5510	0.55	0.10	Sold separately
8	WP6012	0.60	0.12	Sold separately
9	WP5508L	0.55	0.08	Sold separately

Technical specifications

Product		Fi-P
Classification		Class II (AC/DC power adapter)
Available temperature		150°C→180°C→200°C→230°C
Time consumption of charging		About 2.5h (3 hours are needed for the first charging)
Duration after full charging		If each operation lasts for 5s, it can work for 500 times.
Power supply	Input	AC100V-240V,50/60Hz, 500-800mA
	Output	DC15V/1.6A
Battery capacity	Rechargeable battery	2000mAh
Size	Fi-P	23.8mm×158.3mm×23.8mm (W×L×H)
	Charging base	75.5mm×149.7mm×62.6mm (W×L×H)
Weight	Fi-P	80g
	Charging base	195g
	Power adapter	167g
Storage conditions	Temperature	-10°C~+40°C
	Humidity	30%~85%
	Pressure	80~106kPa
Transportation conditions	Temperature	-10°C~+40°C
	Humidity	30%~85%
	Pressure	80~106kPa



Product features

- 01** Adopt wireless ergonomic design which makes it easy for use, cleaning and storage.
- 02** Four preset temperature, accurately control the filling quantity.
- 03** The needle processed by special technique is durable. It can be bent and can be rotated 360° , which make it easy to reach the desired part and get the fastest and most suitable effect.
- 04** Adopt single button control, enabling easier operation.
- 05** Safe protection system; ten minutes after operation, the device will automatically power off.

Fi-G

Fi-G adopts wireless, vertical type, and single button design, bringing easier obturation operation.



Rapid heating system

Heat up to 200°C within 15s

Four preset temperatures

150°C, 180°C, 200°C, 230°C

Left and right display screens

According to using habit, choose correspondent screen.

Ergonomic design

Comfortable holding feeling

Japan Panasonic cell

The battery is reliable and durable for operation.

Accessory

Power adapter with cable – 1

Needle – 4 (Models are as shown in Table)

Heat insulation hood – 2

Heat insulation sleeve of needle – 1

Brush – 2

Pushing ram – 1

Wrench – 1

Model	Size	Length	Comments
20G 22mm	20 G	22mm	Sold separately
20G 24mm	20 G	24mm	Sold separately
20G 28mm	20 G	28mm	Sold separately
23G 24mm	23 G	24mm	1 piece included
23G 28mm	23 G	28mm	1 piece included
25G 24mm	25 G	24mm	2 piece included

Technical specifications

Product	Fi-G	
Classification	Class II (AC/DC power adapter)	
Available temperature	150°C → 180°C → 200°C → 230°C	
Time consumption of charging	About 2.5h (3 hours are needed for the first charging)	
Duration after full charging	If each operation lasts for 10 minutes, it can work for 10 times.	
Power supply	Input	AC100V-240V,50/60Hz, 500-800mA
	Output	DC15V/1.6A
Battery capacity	Rechargeable battery	2000mAh
Size	Fi-G	31.9mm × 152.5mm × 114.9mm
	Charging base	75.5mm × 149.7mm × 62.6mm
Weight	Fi-G	170g
	Charging base	207g
	Power adapter	167g
Storage conditions	Temperature	-10°C ~ +40°C
	Humidity	30% ~ 85%
	Pressure	80 ~ 106kPa
Transportation conditions	Temperature	-10°C ~ +40°C
	Humidity	30% ~ 85%
	Pressure	80 ~ 106kPa

Root Canal Filling Procedures



01 According to the prepared root canal, select suitable gutta-percha.



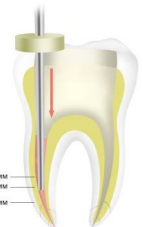
02 Select proper tip of Heating and Packing Instrument, place the tip in the root canal 4-7mm away from apical foramen, and mark the length with marking pad.



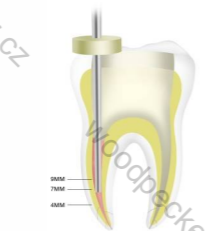
03 Uniformly fill the main gutta-percha with a layer of root canal paste and put it into the root canal.



04 Put the tip of Heating and Packing Instrument into the root canal orifice, press the heating button to cut off the redundant part of gutta-percha and take it out.



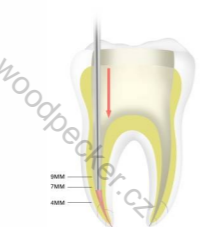
05 Put the tip of Heating and Packing Instrument into root canal, push the tip of Heating and Packing Instrument to soften the gutta-percha while pressing the heating button until the tip of Heating and Packing Instrument reaches the place where is 4-7mm away from the apical foramen.



06 Release the heating button to stop heating, and keep extruding the gutta-percha inside root canal for 10s with tip of Heating and Packing Instrument.



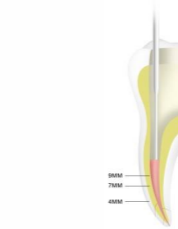
07 Press the heating button for about 1s to swiftly take out the redundant gutta-percha in place that is more than 4-7mm away from the apical foramen.



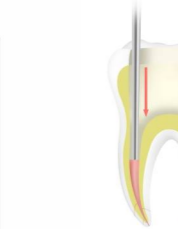
08 Use plugger to compress the gutta-percha.



09 Put the needle of Hot Melting and Filling Gun into the root canal until reach the surface of gutta-percha in root canal, and then keep it touch the surface of gutta-percha for about 3s so as to soften the gutta-percha.



10 Inject the melted gutta-percha into the root canal and slowly withdraw the needle. (Note: please do not fully fill the root canal at one time. It is recommended to fill the root canal for 3 times.)



11 Use the vertical plugger to compress the injected gutta-percha material.



12 Repeat step 9-11 until the root canal filling is finished.



Heating and Packing Instrument



Hot Melting and Filling Gun



Vertical plugger

