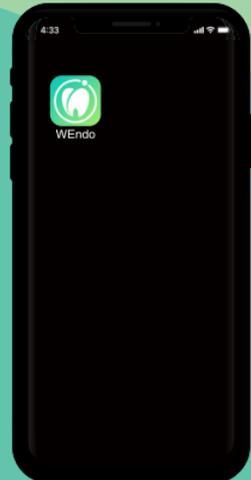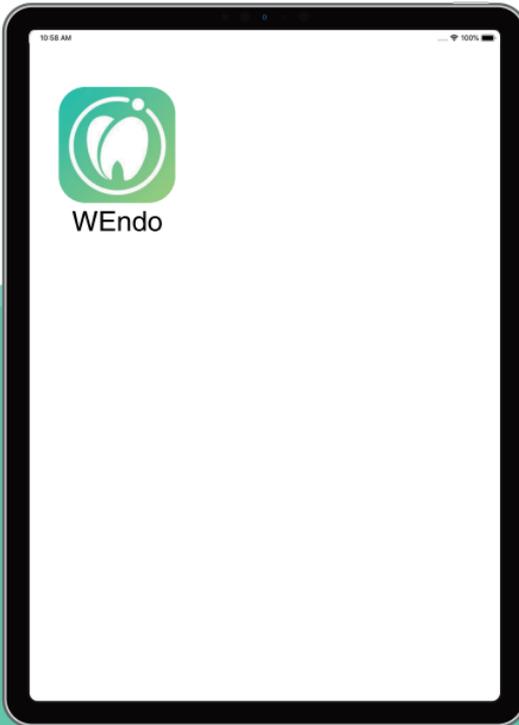CE 0197

WEndo APP INSTRUCTION MANUAL

Please read this manual before operating

- Watch
- Mobile Phone
- iPad

WEndo

WEndo

GUILIN WOODPECKER MEDICAL INSTRUMENT CO., LTD.

Contents

WEndo App Manual For Watch

1. Installation

Watch users should first connect the bracelet to the trusted WIFI, and then use the browser to open the website: "https://www.pgyer.com/JJwi" to download and install.

Once the software has been installed, the icon is shown below.

WEndo

2. Create an account and log-in
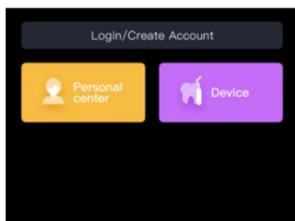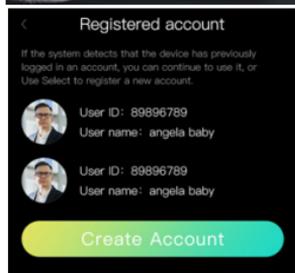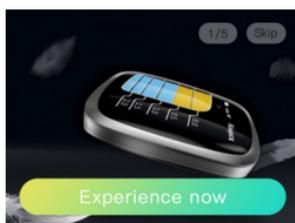
Click on the icon to open the software. The first time you open the software you will need to agree to the user agreement and privacy policy,.
Then click on "Experience Now" or "Skip" to go to the login page, as shown below.

Once you get in the login page, you can create an account or check "Tourist login" to go directly to the "Home" page, as shown below.

If you do not choose " Tourist login" ", you need to register first. Click "Signup" to enter the registration page, you can use your email or mobile phone to register your account (tip: Network required for registration).

Note: The registered user name will be used for logging in and displayed in the treatment report, and cannot be modified. Please fill in it carefully and keep it.
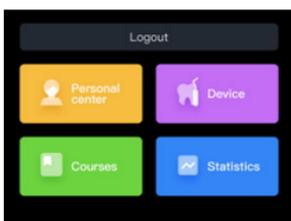
Once registered, enter your account and password on the login page and click on login to access the home page, as shown below.

Retrieve your password： You need to enter your username and password to log in. If you forget either of the two, you can retrieve the password or username through receive the verification code by the email or mobile phone number you used to register. The specific steps are:

1. Click 'Forgot Password' on the login screen;

2. Receive the verification code by email or mobile phone and enter a new login password to reset;

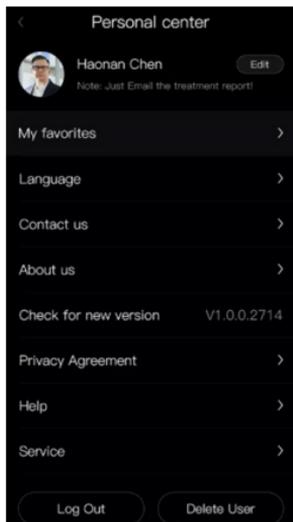3. After the reset is successful, it will directly jump to the logged-in homepage status. At this time, you can enter the personal center to view the username corresponded by the mobile phone number or email address, which is convenient for the next login.

3. Personal center

After entering the home page, click on the "Personal center" to enter the personal center page, as shown below.

The Personal center page has the following functions.

1. My Favorites: My favorite course content.

2. Edit profile: you can modify email, region, company name, contact number.

3. Language selection: you can switch the language.

4. Contact us: you can submit a question.

5. About us: company introduction.

6. Check for updates: You can detect the existence of new version updates.

7. Privacy agreement: you can check the privacy agreement.

8. Help center: you can view some helpful articles.

9. Service center: customer service email and customer service hotline.

10. Logout: You can log out.

11. Delete User: You can delete the currently logged-in account.

4. Device

4.1 Connecting and disconnecting device

4.1.1 Connecting devices
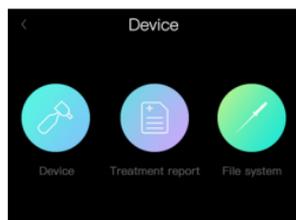
Click on the device button on the home page to enter the device page. This page has three contents: Device, Treatment report and File system. Check the Device to the device page. The first time you enter you need to agree to open the Bluetooth permission.
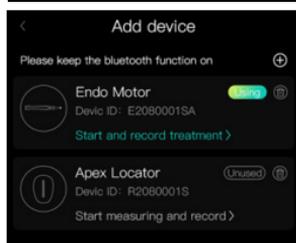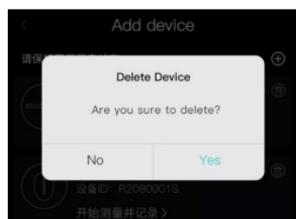

Click on the "+" button and select the corresponding handpiece number to connect. When the device was connected, it will be recorded on the device list.
Once the device has been successfully connected, The "Start treatment and record" will turn green .

4.1.2 Disconnecting device

Devices can be deleted by clicking on the deletion icon and confirming the deletion, as shown in the following figure.

4.2 Preparation and record

After the device has been successfully connected, click on "Preparation and record" to enter the mode selection page. There are three modes and select "Preparation and record" . There will be a pop-up window the first time you enter the treatment page. At this time, choose to allow the use of microphone function.

4.2.1 "Preparation and record" page function description - Continuous mode

On this page you can:

1) Click on Batteryto enter the handpiece parameters page, where you can set the parameters of the handpiece（See 4.5 Handpiece parameter setting）.

2) File switching. Switch between the previous file and the next file.

3) Increase or decrease the torque by 0.1 Ncm each time.

4) Increase or decrease the speed by 10rpm each time.

5) Display the time of this treatment. Click on it to end this treatment and generate the treatment report.

6)wake up the voice function.

7) more. See below.

• Set auto rev or not.

• Set Forwad or Reverse.

• File system: Enter the file system selection page and select a file system to switch to a corresponding mode. You get two systems to choose from: File system; file sequence.

• Patient information: Click on it to enter the patient list page, where you can add, search and select patients.

• Tooth Model: Click on it to enter the tooth model page, where you can make the selection of teeth.

• Calibration: Click to calibrate the handpiece.

• Volume: lick to adjust the volume of the device.

• Help: Click to enter the help center.

4.2.2 "Preparation and record" page function description - Reciprocating mode
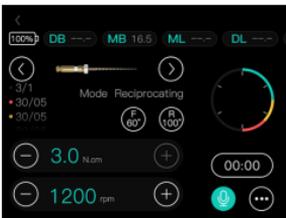
Same as Continuous mode except:

1) This mode cans set the forward/ reversing rotation angle.

2)This mode have not Forward and reverse adjustment.

4.2.3 "Preparation and record" page function description - ATR mode
The ATR mode treatment page is the some as Reciprocating mode except have not Auto reverse function.

4.2.4 "Preparation and record" page function description - LB mode
In this mode, if the main button is triggered for the frst time, the motor will run

in Reciprocating mode. If the main button is pressed again, the motor will run in Continuous mode. Press the main button again and the motor will stop.

 4.2.5 "Preparation and record" page function description - BB mode
In this mode, The file rotates 90 degrees and stops for 1s, and repeats continuously until the user manually presses the main button to stop.

4.3 Apex locator and record

After the device has been successfully connected, click on "Apex locator and record" on the device page to enter the mode selection page. Select "Apex locator and record" to enter the Apex locator mode, as shown below:

On this page you can:
1) Click on Battery to enter the handpiece parameters page, where you can set the parameters of the handpiece (See 4.5 Handpiece parameter setting).
2) Fill in the length of the root canal, provided that you need to select a tooth for treatment in the tooth model in the "More" section below.
3) Display the time of this treatment. Click on it to end this treatment and generate the treatment report.
4) more. See below.
• Set the apical stop position, from 0.0 to 0.5.
• Patient information: Click on it to enter the patient list page, where you can add, search and select patients.
• Tooth Model: Click on it to enter the tooth model page, where you can make the selection of teeth.
• Volume: lick to adjust the volume of the device.
• Help: Click to enter the help center.

4.4 Two in one and record

After the device has been successfully connected, enter the mode selection page and select "Two in one and record", as shown in the figure below.

6

On this page you can:

1) Click on Battery to enter the handpiece parameters page, where you can set the parameters of the handpiece（See 4.5 Handpiece parameter setting）.

2) Fill in the length of the root canal, provided that you need to select a tooth for treatment in the tooth model

3) File switching. Switch between the previous file and the next file.

4) Increase or decrease the torque by 0.1 Ncm each time.

5) Increase or decrease the speed by 10rpm each time.

6) Set forward and reverse angles, if have.

7) Get real-time torque.

8) Obtain the position of the file in the root canal.

9) Display the time of this treatment. Click on it to end this treatment and generate the treatment report.

10) wake up the voice function.

11) more. It is the same as the "Preparation and record" mode, except for the following additions. See below.
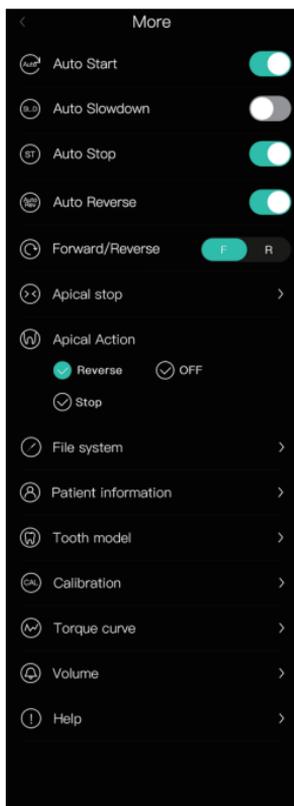
• Set whether to start automatically.

•Set whether to slow down automatically.

• Set whether to stop automatically.

• Set the apical stop position, from 0.0 to 0.5.

• Set the apical action: Reverse、OFF or Stop.

4.5 Handpiece parameter setting
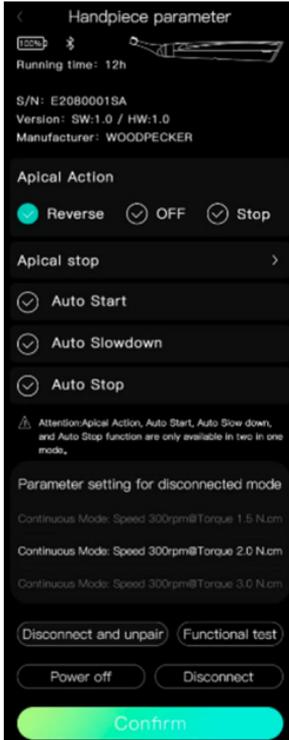
On this page, you can get:
1)Handpiece battery capacity.
2) The machine run time.
3)Handpiece S/N.
4) software vesion
5) Manufacturer.
You can set the operating parameters for the handpiece when it is not connected to Bluetooth. The handpiece will maintain the setting and work.
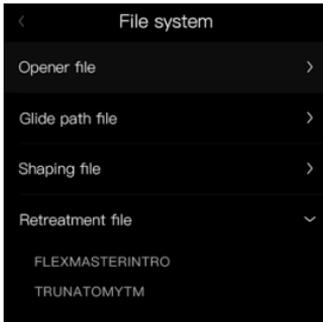You can Power off the handpiece.
You can disconnect the currently connected handpiece and delete the device from the device list or Disconnect the currently connected handpiece only.

5. File system

Click "File system" on the follow page. The file system interface is divided into three pages: File system, File sequence and Custom files.

5.1 File system

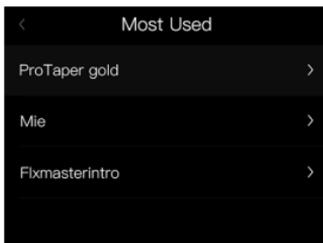| File system	
Opener file	>
Glide path file	>
Shaping file	>
Retreatment file	∨
FLEXMASTERINTRO	
TRUNATOMYTM	

The file system includes all the commonly used file systems, in which you can select the file system you need to start the treatment. On this page, file systems are categorized by function: Opener file, Glide path file, Shaping file, Retreatment file. You can go to a file system details page and click "Start Treatment" to use it.
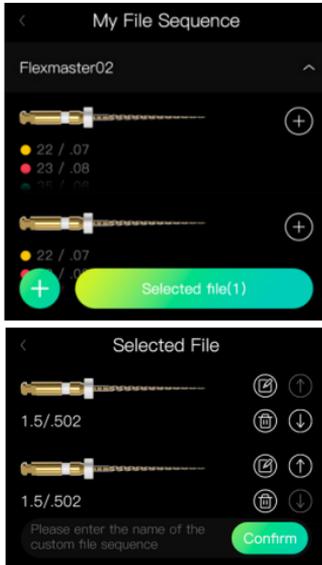
5.2 File sequence

File Sequence	
Most used	>
My File Sequence	>

The file sequencehas three parts, the first one is the most used file system, the second one is my file sequence, and the third one is the file system classified by match brand.

5.2.1 Most used file system

Most Used	
ProTaper gold	>
Mie	>
Flxmasterintro	>

The most used file system: the system identifies the four file system that you use mostly; you can click directly into it to start treatment.
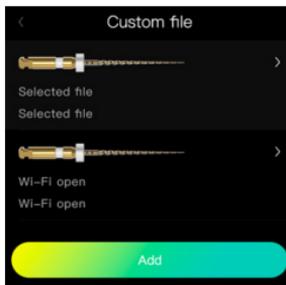
5.2.2 My file sequence

You can create your own file sequence by combining files from the system file in the File System with files you create in Custom files (see 5.2.3).

When finish choosing the files, click "Selected files" at the bottom bring up to right figure. You can:

• Edit the File you have selected.
• Delete the file you have selected.
• Adjust the order of files.
• Fill in the name of the file sequence you created.

After the file sequence was created, you can edit, delete and use it to start treatment.

5.2.3 Custom files

For files that are not available in the system, users can add Custom files to create file sequence. you can edit or delete the custom file that has created before.
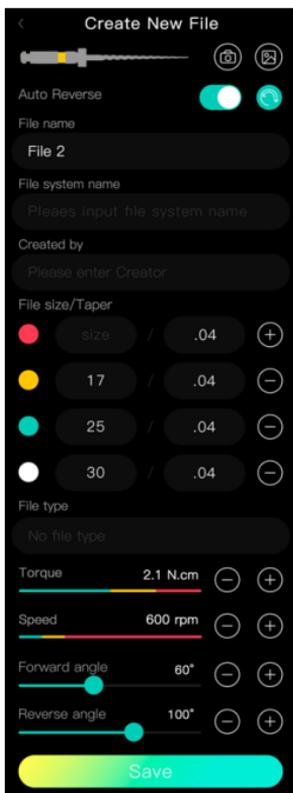
You can also add a new custom file. When add a new custom file , you can set:

1) The file picture.
2) Set whether Auto reverse or not.
3) Choose the file mode. It can be Continuous mode, Reciprocating mode, ATR mode.
4) Set the file name .
5) Set the file system name.
6) Set the file creater.
7) Set the file size/Taper
8) Set the file type. Opener file, Glide path file, Shaping file, Retreatment file
9) Set the Torque.
10) Set the speed.
11) Set the angle, Only available in reciprocating mode and ATR mode.

When setting the custom file is finished and save. You can use it in my file sequence(detail see 5.2.2).

6. Voice
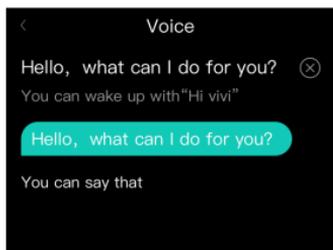
On the wake-up page, you can directly send commands, and after successful identification, you can adjust the corresponding functions. (Note: During the rotation of the motor, only the "stop motor" command can be sent, and other commands will not be executed.)
For specific voice commands, please refer to Appendix 1 "Common Voice Command List" in this manual.
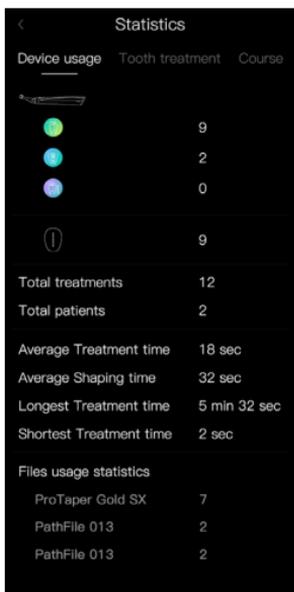
7. Statistics
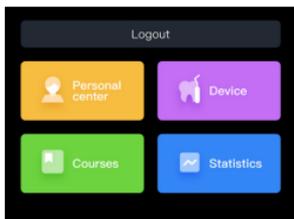
Clicking on Statistics in the home page to enter the Statistics page. It has three parts of content:
1) Device usage statistics
2) Teeth treated statistics
3) Course

7.1 Device usage statistics

This page provides statistics on the number and duration of treatments:
• Preparation treatment times.
• Apex Locator times.
• Two-in-one time.
• Total treatments time.
• Total patients.
• Average treatment time.
• Average shaping time.
• Longest treatment time.
• Shortest treatment time.
• File usage statistics.

7.2 Teeth treatment statistics
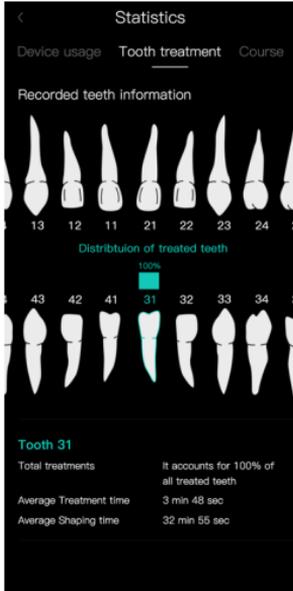
In this page you can see the percentage of total treatment, average treatment time, average shaping time and other information for the tooth you select.
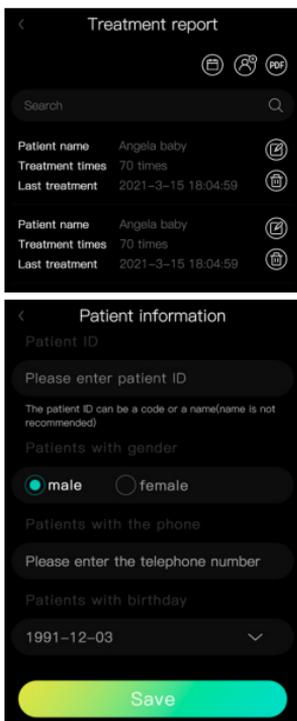
7.3 Course statistics
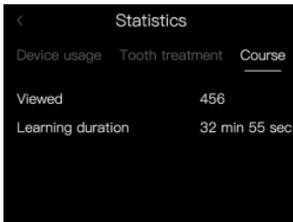
This page records how many times and how long you have taken the course.

8. Treatment report

In the Device page click on "Treatment report" to enter the Treatment report page.

On this Treatment report page, you can:

• Search Treatment Reports by patient name.

• Display treatment record list information by Date selection.

• Add new patient information.

• Click "PDF" to generate the treatment report. It needs to select patients and the treatment date before generate the treatment report.

• Click one of the Patient's treatment report to see the detailed treatment records.

• Edit the Patient information.

• Delete the Patient's treatment report.

New patient information show as below.

Select time

Today	⬤
Start time	2021-04-01 ›
End time	2021-04-01 ›

Composite PDF

Cancel	Email preview	Send

To: Mmiiny@163.com; Mmiiny@16 ⊗ ⊕

CC to: ⊗ ⊕

Subject: 180077368，2020年10月21日至2020…

Report time: April 1, 2021 – April 2, 2021

Treatment report

User: 180077368
Patients: Mminy
Date of treatment: October 21, 2020 14:42:32
The treatment time: 1h24min30s
Use device: E2080001SA

LIST OF FILES USED

• **ProTaper Gold® SX**
  ◦ Speed: 300rpm, Torque: 5.0 Ncm, Forward Angle: 120°, Reverse: 90°, Auto Reverse: Open
  ◦ File used for 0s
  ◦ File used for 0% of time with torque between 50% and 75% of max
  ◦ File used for 0% of time with torque more than 75% of max

• **ProTaper Gold® SX**
  ◦ Speed: 300rpm, Torque: 5.0 Ncm, Forward Angle: 120°, Reverse: 90°, Auto Reverse: Open
  ◦ File used for 0s
  ◦ File used for 0% of time with torque between 50% and 75% of max
  ◦ File used for 0% of time with torque more than 75% of max

Treatment information

• **Tooth（General system）：14**
  ◦ **Palatal**
    Length: 15.5mm
    Last file used: WaveOne Gold Small
    GP Cone: ProTaper Conform Fit Gutta-Percha
    Size: F2
    Other obturation: TuNatomy Conform Fit Gutta-Percha
  ◦ **Mesiobuccal**
    Length: 16.5mm
    Last file used: WaveOne Large
    GP Cone: TuNatomy Conform Fit Gutta-Percha
    Other obturation: ProTaper Next Conform Fit Gutta-Percha
    Size: 16.5mm
    Size: 15mm
    Note: xxx

• **Tooth（General system）：16**

Click "PDF" to generate the treatment report show as below. First select one or more patients. Next select a date. Finally Composite PDF Treatment report show as below. It can be sent by Email.

9. Courses

The course contains the operation document or operation video of the product.

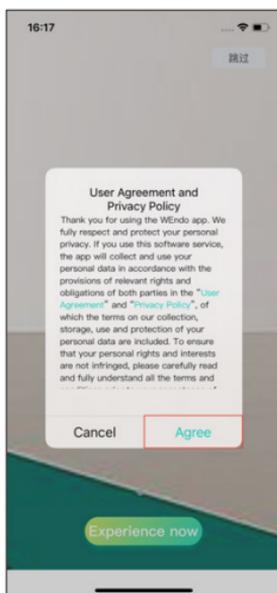# WEndo App Manual For Mobile Phone

1.Installation

For Android users, please scan the QR code below to download, or open the website in your browser at: https://www.pgyer.com/JJwi.
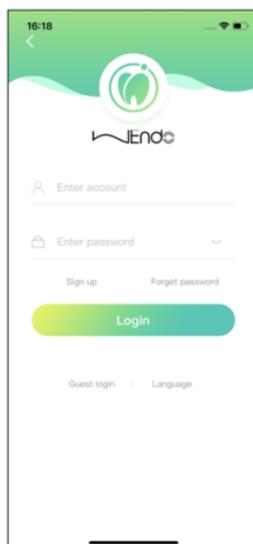
IOS users can log in to the App Store and search for WEndo to download it.

Once the software has been installed, the icon is shown below.
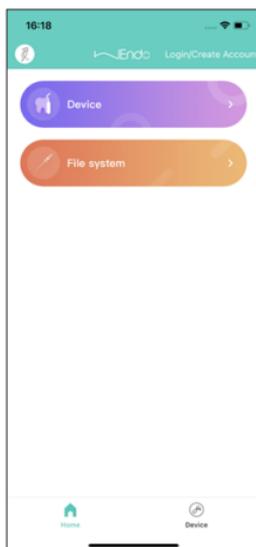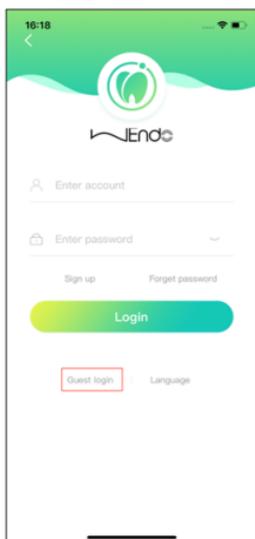
2. Create an account and log-in

Click on the icon to open the software. The first time you open the software you will need to agree to the user agreement and privacy policy, as shown below.

Then click on "Experience Now" or "Skip" to go to the login page, as shown below.

Once you get in the login page, you can select "Guest Login" to go directly to the "Home" page, as shown below.

If you do not choose "Guest Mode", you need to register first. Click "Sign up" to enter the registration page, you can use your email or mobile phone to register your account, as shown in the figure below（tip：Network required for registration）.

Note: The registered user name will be used for logging in and displayed in the treatment report, and cannot be modified. Please fill in it carefully and keep it.

Once registered, enter your account and password on the login page and click on login to access the home page, as shown below.

2.1 Retrieve your password: You need to enter your username and password to log in. If you forget either of the two, you can retrieve the password or username through receive the verification code by the email or mobile phone number you used to register. The specific steps are:
1. Click 'Forgot Password' on the login screen

2. Receive the verification code by email or mobile phone and enter a new login password to reset;

3. After the reset is successful, it will directly jump to the logged-in homepage status. At this time, you can enter the personal center to view the username corresponded by the mobile phone number or email address, which is convenient for the next login.

3. Personal center

After entering the home page, click on the icon in the top left corner to enter the personal center page, as shown below.

The Personal center page has the following functions.

1. Edit profile: you can modify user name, email, region, company name, contact number.
2. My Favorites: Can view favorite courses
3. Language selection: you can switch the language.
4. Contact us: you can submit an question.
5. About us: company introduction.
6. Check for updates: You can detect the existence of new version updates.
7. Privacy agreement: you can check the privacy agreement.
8. Help center: you can view some helpful articles.
9. Customer service center: customer service email and customer service hotline.
10. Logout: You can log out.
11. Delete User: You can delete the currently logged-in account.
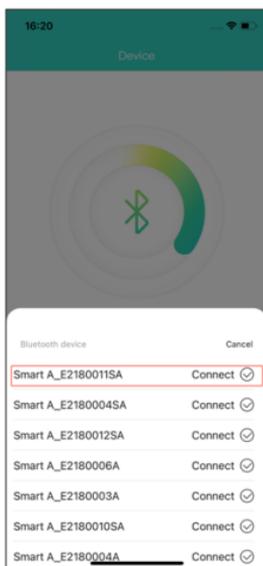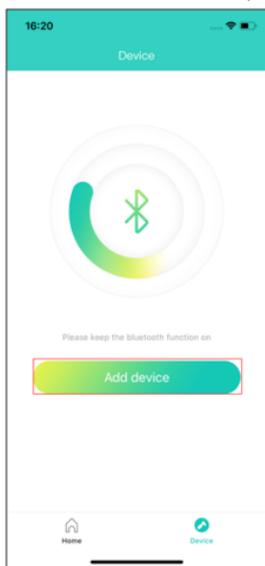
4. Device

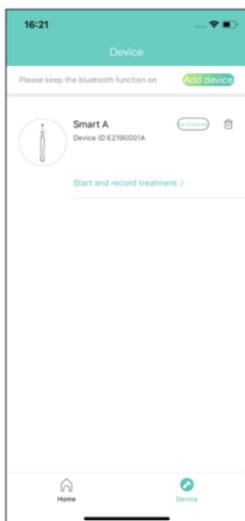### 4.1 Connecting and disconnecting device

4.1.1 Connecting devices

Click on the device button on the home page to enter the device page. The first time you enter you need to agree to open the Bluetooth permission, as shown in the following figure.
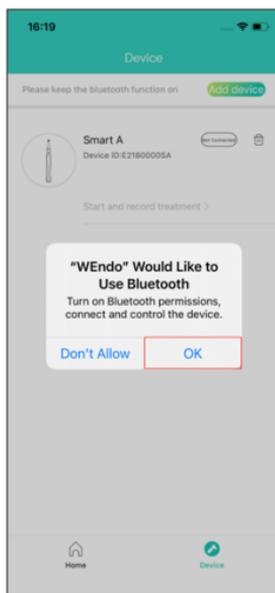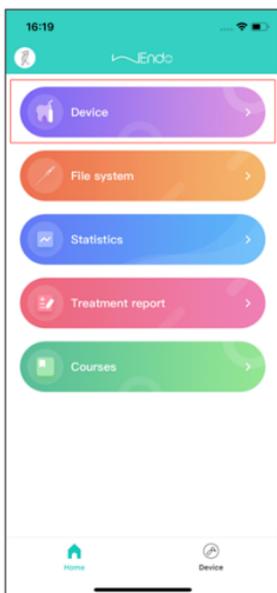
Click on the "Add Device" button and select the corresponding handpiece number to connect（The handpiece must be on）, as shown below.
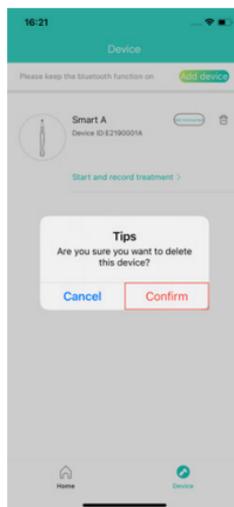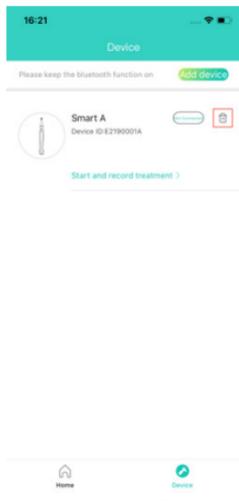
Once the device has been successfully connected, the numbered device will show "Connected" status in the device list , ("Start treatment and record treatment" will also turn green)the following image is shown as follows.

4.1.2 Disconnecting device

Devices can be deleted by clicking on the deletion icon and confirming the deletion, as shown in the following figure.
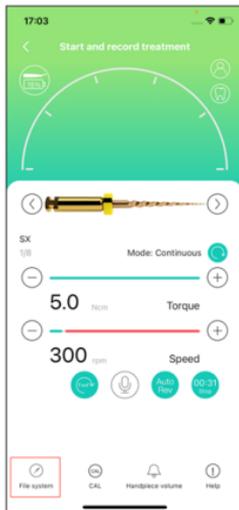

4.2 Preparation and record

After the device has been successfully connected, click on "Preparation and record" to enter the mode selection page. There are three modes and select "Preparation and record" . There will be a pop-up window the first time you enter the treatment page. At this time, choose to allow the use of microphone function, as shown in the following figure.
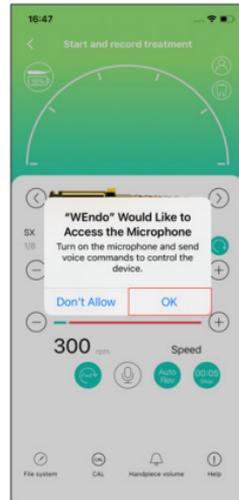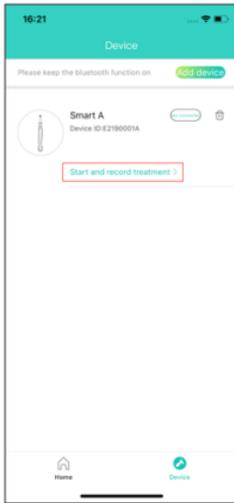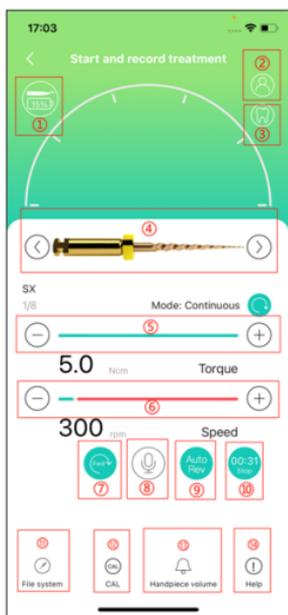
4.2.1 "Preparation and record" page function description - File system switching

Enter the file system selection page, and select different file systems to switch to different modes. The file system is divided into the system built-in file system and the custom file system. The custom file system can be added by yourself, as shown in the following figure:

Notice! Custom files cannot be selected. Custom files must be added to the file sequence before they can be selected for use in the treatment process (see 5.2.1 for the method of adding)

4.2.2 "Preparation and record" page function description - Continuous Mode

①Click on it to enter the handpiece parameters page, where you can set the parameters of the handpiece（See 4.5 Handpiece parameter setting）.

②Click on it to enter the patient list page, where you can add, search and select patients.

③Click on it to enter the tooth model page, where you can make the selection of teeth.

④File switching. Switch between the previous file and the next file.

⑤Increase or decrease the torque by 0.1 Ncm each time.

⑥Increase or decrease the speed by 10rpm each time.

⑦Set forward or reverse rotation.

⑧Click to wake up the voice function.

⑨Set auto rev or not.

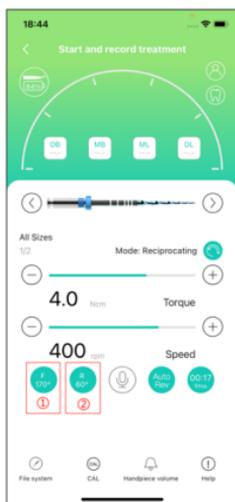⑩Display the time of this treatment. Click on it to end this treatment and generate the treatment report.

⑪Click to enter the file system page.

⑫Click to calibrate the handpiece.

⑬Click to adjust the volume of the device.

⑭Click to enter the help center.

4.2.3 "Preparation and record" page function description - Reciprocating mode
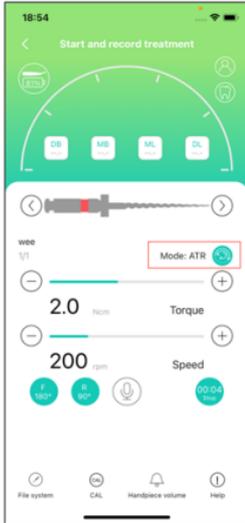

Compared with "Continuous mode", in this mode the file is reciprocating, and forward rotation and reverse rotation angles are added, as shown below.

① Click to set the forward rotation angle.
② Click to set the reversing rotation angle.

4.2.4 "Preparation and record" page function description - ATR mode

The ATR mode treatment page is shown in the following figure.

Note: Files in ATR mode (number ≥ 1) need to be added to the "file sequence" — "my file sequencer" can only be selected in the file system in the treatment interface; files in "Custom files" cannot be selected.

4.2.5 "Preparation and record" page function description - LB mode（LB: ledge bypass）
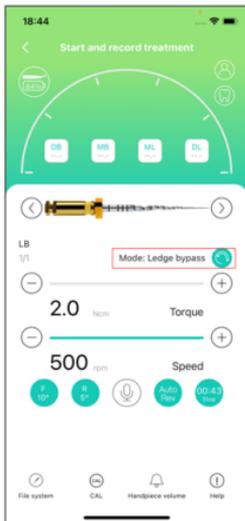
The LB mode treatment page is basically the same as the reciprocating treatment interface. Press the power button of the handpiece for the first time, the handpiece will reciprocate, press the power button of thehandpiece for the second time, the handpiece will run continuously, and press the power button of the handpiece for the third time. , the handpiece will stop running. The LB mode treatment page is shown below:

The LB mode treatment page is shown in the following figure.

LB mode: There are many reasons for the formation of steps, and we often need to bypass this step to find the original root canal. This mode allows the pre-bent file to go around the steps, and once it goes around, we activate the switch again to adjust to a continuous motion state.

4.2.6 "Preparation and record" page function description - BB mode（BB: block bypass）
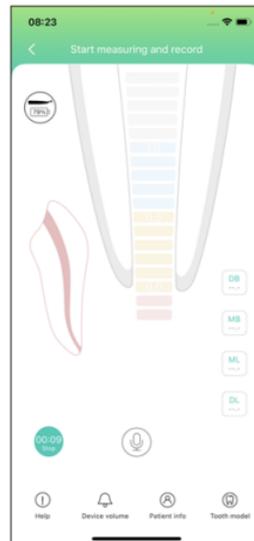
The BB mode treatment page is the same as the continuous treatment page. After starting the handpiece, the handpiece first rotates 90° in the forward direction, then stops for 1S, and then continues to rotate 90° in this cycle.
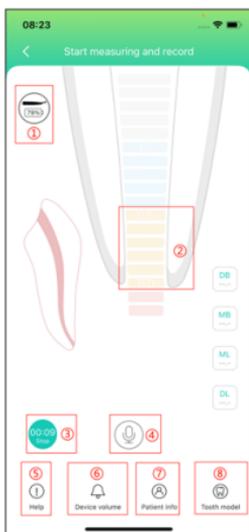The BB mode treatment page is shown in the following figure.

4.3 Apex locator and record

After the device has been successfully connected, click on "Apex locator and record" on the device page to enter the mode selection page. Select "Apex locator and record" to enter the "Start measuring and record" page, as shown below:
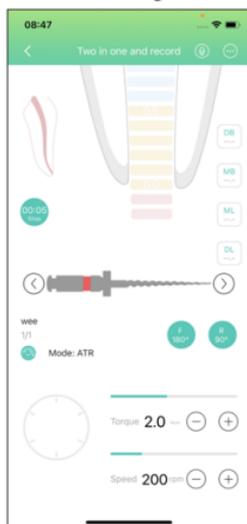

4.3.1 "Apex locator and record" page function description
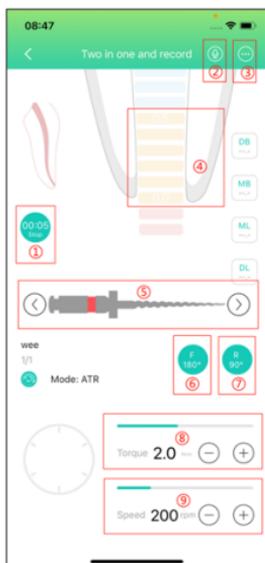
① Click on it to enter the handpiece parameters page, where you can set the handpiece parameters.

② Set the apical stop position.

③ Display the time of this treatment. Click on it to end this treatment and generate a treatment report.

④ Activate voice control function.

⑤ Enter the help center.

⑥ Adjust the device volume.

⑦ Click on it to enter the patient list page, in which you can add, search and select patients.

⑧After clicking on it, you can enter the tooth model page, in which you can make the selection of teeth.

4.4 Two in one and record

After the device has been successfully connected, enter the mode selection page and select "Two in one and record", as shown in the figure below.
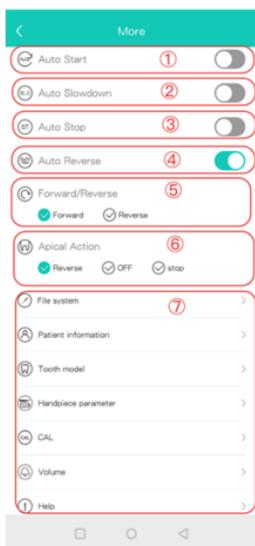
4.4.1 "Two in one and record" page function description

① Display the time of this treatment. Click on it to end this treatment and generate a treatment report.
② Click to wake up the voice function.
③ More parameter display and settings,see "Two in one and record-more" page below.
④ Set the apical stop position.
⑤Switch between files, switching between the previous file and the next file.
⑥Click to set the forward rotation angle,if have.
⑦Click to set the reverse rotation angle,if have.
⑧Increase or decrease the torque by 0.1 Ncm each time.
⑨ Increase or decrease the speed by 10rpm each time.

4.4.2 "Two in one and record—more" page

① Set whether to start automatically.
② Set whether to decelerate automatically.
③ Set whether to stop automatically.
④ Set whether to reverse automatically.
⑤ Set the file action: Forward or Reverse.
⑥Set the apical action:Reverse、OFF or Stop
⑦You can click to enter the corresponding page.

4.5 Handpiece parameter setting

①Handpiece power
②、③In the offline mode，Choice of the Apcal Action and Parameter setting for disconnected mode
④Disconnect the currently connected handpiece and delete the device from the device list
⑥Power off the handpiece
⑦Disconnect the currently connected handpiece

Note: In the offline mode, the handpiece will maintain the setting mode ②③，and the parameter work.

5. File system

Click "File system" on the main interface to enter (FIG. 5.1). The file system interface is divided into three pages: File system (a), File sequence (b) and Custom files (c), as shown below:
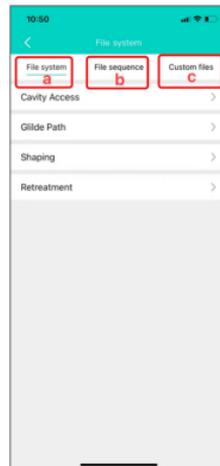
a. File system: It is the default file system in the background of the system (classified by file function).

b. File sequence：including common files, my file sequence (custom file sequence), and the default file system distinguished by brand;

c. Custom file: Customers can customize any file (including name, size, taper, file type, torque, speed, torque, etc.)

5.1 File system

The file system is the built-in common file system on the market. You can select the desired file system to start the treatment mode directly. Examples are as follows.
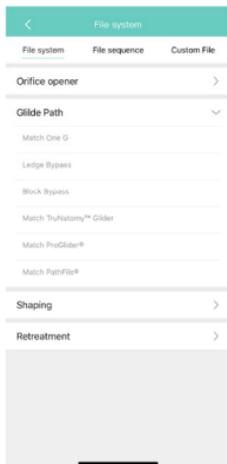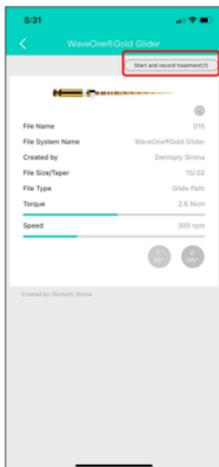

Figure 5.1.1　　　　　Figure 5.1.2　　　　　Figure 5.1.3

1. The WaveOne® Gold Glider file system is selected in Fig. 5.1.1 File system, and the page in Fig. 5.1.2 can be entered.

2. In Fig. 5.1.2，click ① "Start Treatment and Record" to enter Figure 5.1.3, and select the desired treatment mode.

3. In Fig. 5.1.2，click ② to include this interface file and enter the "My File Order" selection interface;
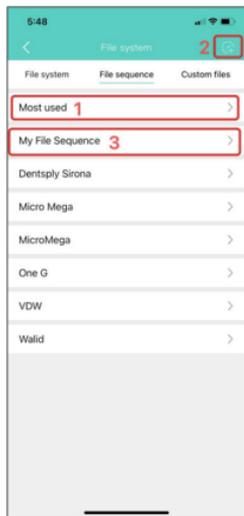
5.2 File sequence

图5.2.1

In figuer 5.2.1 :
①Common files: The system defaults to the order of the 4 most recently used files;
②My file order: custom file order;
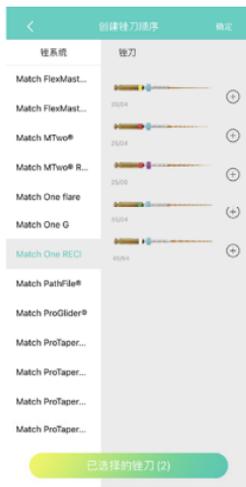③Create my file order

5.2.2 My file sequence

Figure 5.2.2

Figure 5.2.3

1. WEndo can set your personal file order. The specific steps are:

• Add the required file by clicking ⊕ on the right side.

• Click "Selected files" at the bottom to bring up figure 5.2.2.

• Edit the name of my file system, file sequence adjustment (a), file info

modification (b), deletion (c), etc. in the interface of Fig. 5.2.3, and click Finish (d) in the upper right corner to complete the creation.

• The created file system can be viewed in ③ "My sequence".

2. Figure 5.2.1 ③ My file sequence: for the file sequence that has been created, you can click one of the file sequence to enter Figure 5.2.4, in which you can add delete file (a), delete this file sequence (b), use this file sequenceto start treatment and record (c).
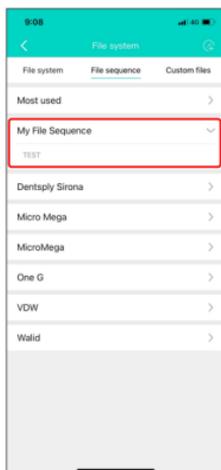

Figure 5.2.4

5.2.2 Custom files

Figure 5.2.5

Figure 5.2.6

For files that are not available in the system, users can add them themselves. The specific steps are as follows.

In the interface of Fig. 5.2.5, click on the top right corner to add a file (a) and go to Fig. 5.2.6.

In the interface of Fig. 5.2.6 you can set the file picture (b), auto-reverse (c), file name (d), file system name (e), creator (f), colour (g), taper (g), file type (h), torque (i), speed (j), forward rotation angle (k), reverse rotation angle (k) and other information.

Click on "Confirm" (l) in the top right corner of the screen in Fig. 5.2.6 to complete the creation.
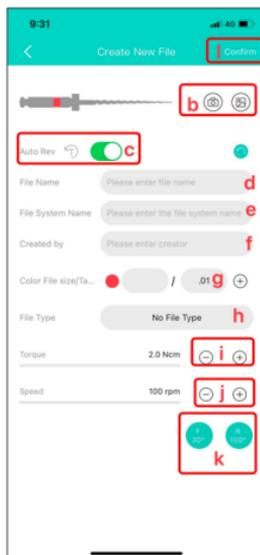

Figure 5.2.5

Figure 5.2.6

Instructions:

1. For the files already created, the information can still be modified and deleted in the Custom files - My files.

2. "My files" in "Custom files" will be available as other options, which can be added to the my files system in the my files sequence.
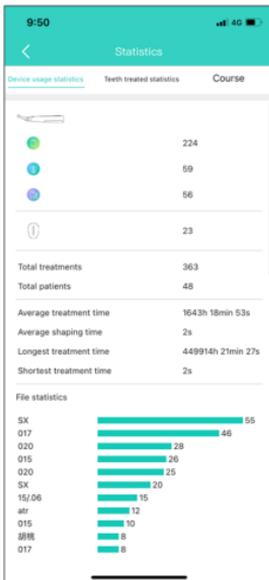
6. Statistics

Clicking on Statistics (a) in the main screen Figure 6.1 to enter the page in Figure 6.2, which contains three pages, namely:

(b) Device usage statistics

(c) Teeth treated statistics

(d) Course

6.1 Device usage statistics

This page provides statistics of root canal preparation times, root canal measurement times, two-in-one times, total treatments, total patients, average treatment time, average shaping time, longest treatment time, shortest treatment time and each file usage statistics, etc.

6.2 Teeth treated statistics

In this page you can select a XX-numbered tooth to see the total treatments, average treatment time, average shaping time and other information for this type of tooth.

6.3 Course

This page allows you to check the times watched and learning duration with your current account.

7. Treatment report

Figure 7.1

Figure 7.2

Figure 7.3

In the main page (Figure 7.1) click on "Treatment report" (a) to bring up Figure 7.2.

In Figure 7.2, click on Patient Information Entry (c) in the upper right-hand corner, which brings up the Figure 7.3 page for new patient information entry.

For previous patients, their name, times of treatments and last treatment time are displayed in Figure 7.2 in an abbreviated form.

Take patients who did root canal measurement for example, click to jump to Figure 7.4, where the specific time of all treatments for patients and the file system used will be displayed; if you still want to see detailed information, you need to click on the view treatment report logo (a) in the top right-hand corner. Go to Figure 7.5.

In the page in Figure 7.5 you can:

1. view further details of the treatment time, the equipment used, the specific file and file parameters for this patient

2. view the torque curve of the file used (b)

3. produce a PDF report of the treatment (c), which will be sent to the email address you have set up in the APP.

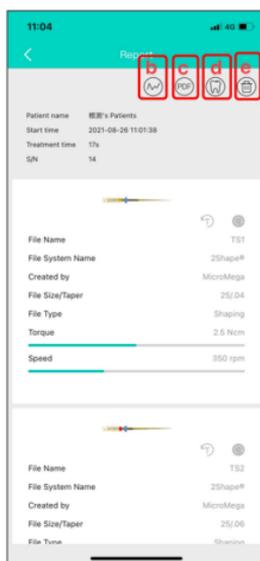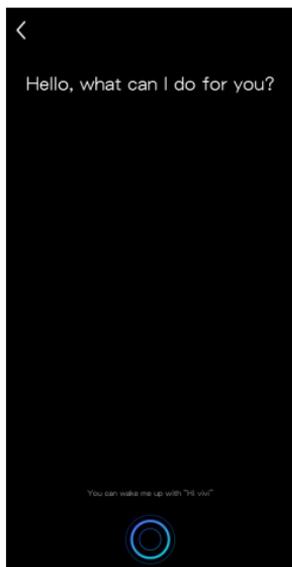4. view the tooth pattern (d).

5. Delete (e).

Figure 7.4

Figure 7.5

8. Voice

Hello, what can I do for you?

You can wake me up with "Hi vivi"

On the'Preparation and record 'page, 'Apex Locator and record'page, and'Two in one Mode and record'page, send "Hi, Vivi" to wake up the voice function, as shown in the following figure:

On the wake-up page, you can directly send commands, and after successful identification, you can adjust the corresponding functions.

(Note: During the rotation of the motor, only the "stop motor" command can be sent, and other commands will not be executed.)
For specific voice commands, please refer to Appendix 1 "Common Voice Command List" in this manual.

9. Courses

The course contains the operation document or operation video of the product.

9.1 Courses Classification
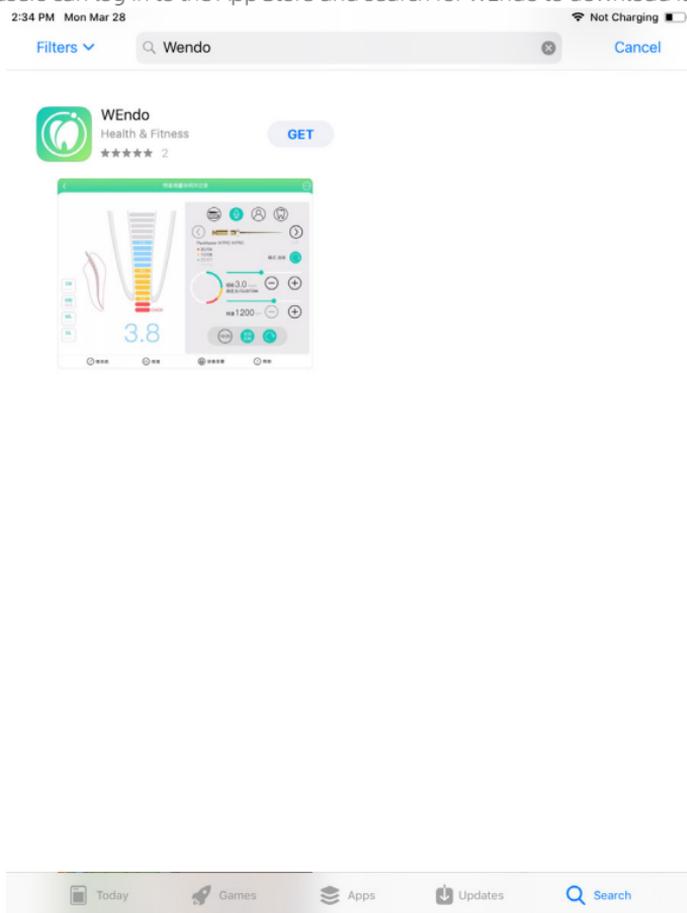You can choose different courses to study by Courses Classification

9.2 Coureses Sort

The courses can be sorted by Comprehensive, most views or newest. It is convenient for users to choose.
After entering the course details, you can watch and study, favorite, and like the course. Your favorite courses will be saved in My Favorites.

WEndo App Manual For iPad

1. Installation

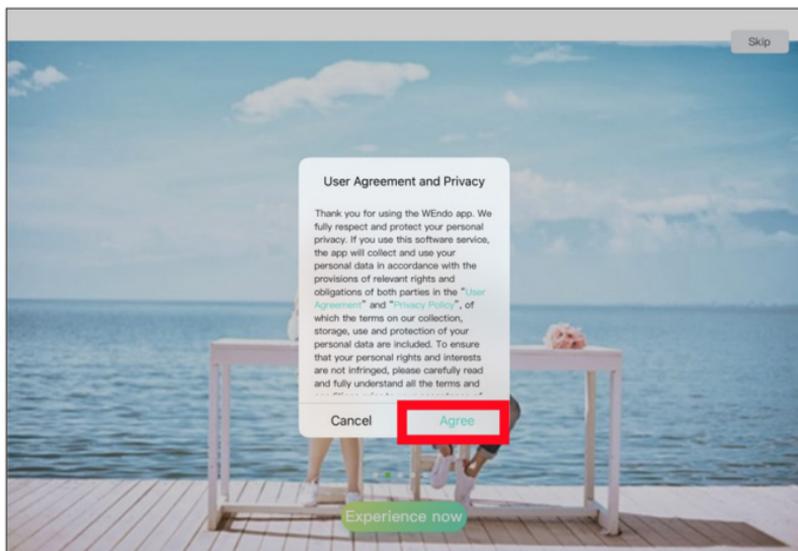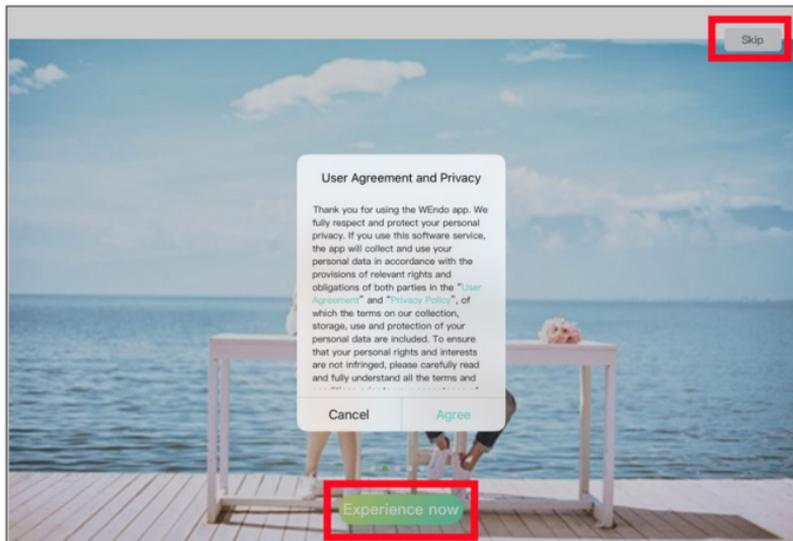IOS users can log in to the App Store and search for WEndo to download it.

Once the software has been installed, the icon is shown below.
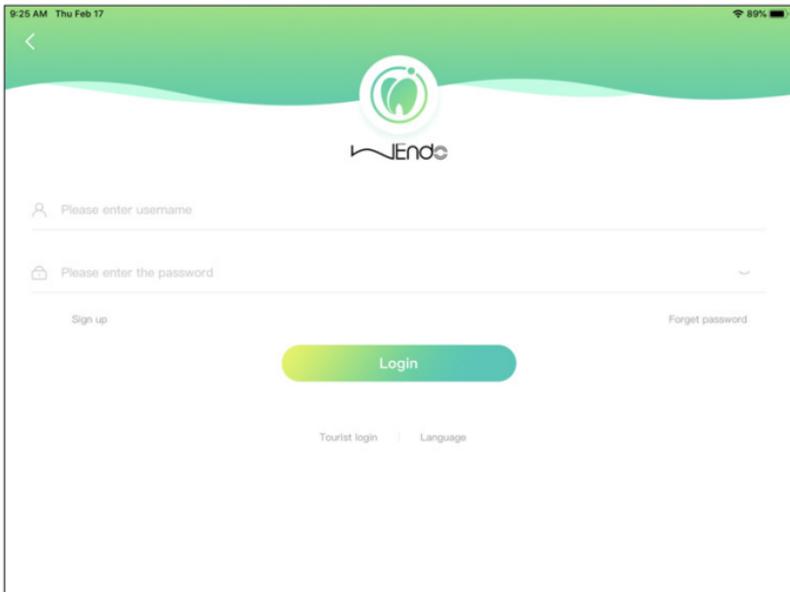
WEndo

2. Create an account and log-in

Click on the icon to open the software. The first time you open the software you will need to agree to the user agreement and privacy policy, as shown below.
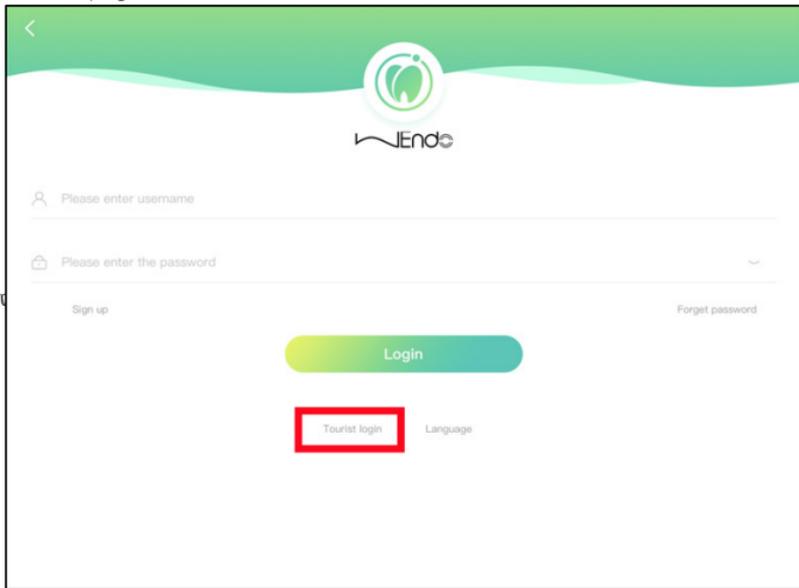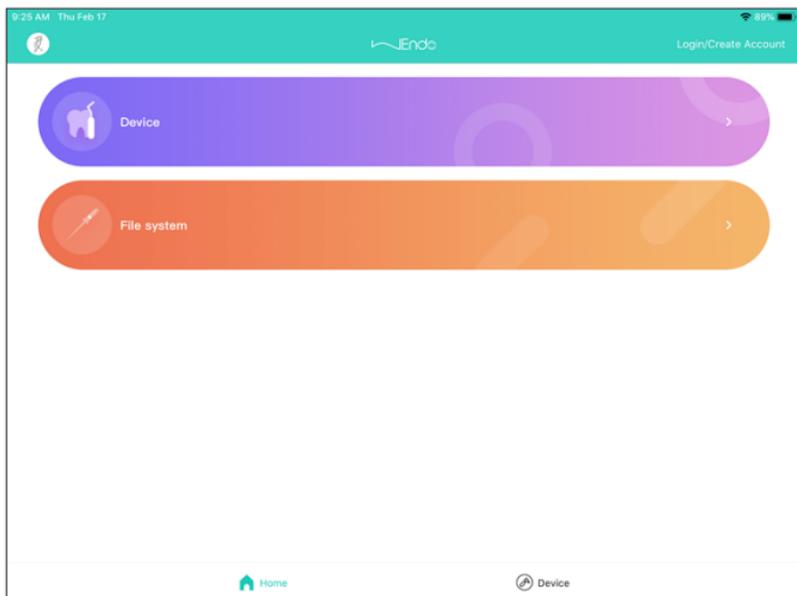
Then click on "Experience Now" or "Skip" to go to the login page, as shown below.
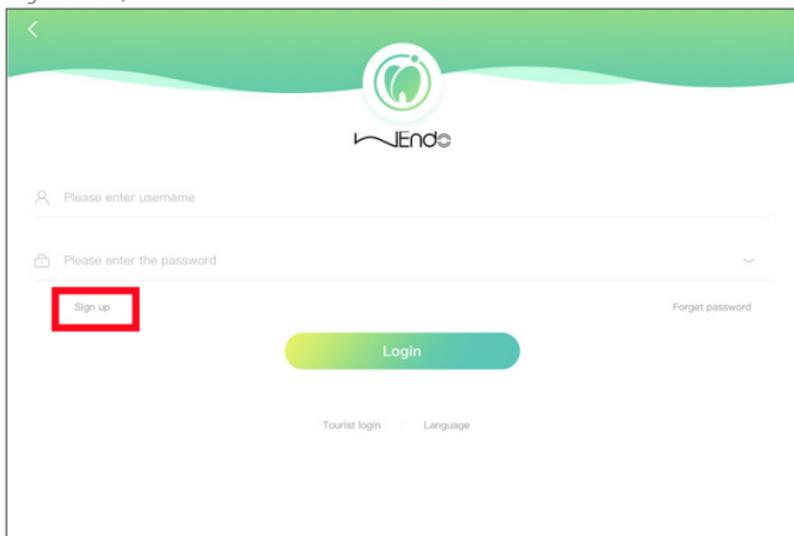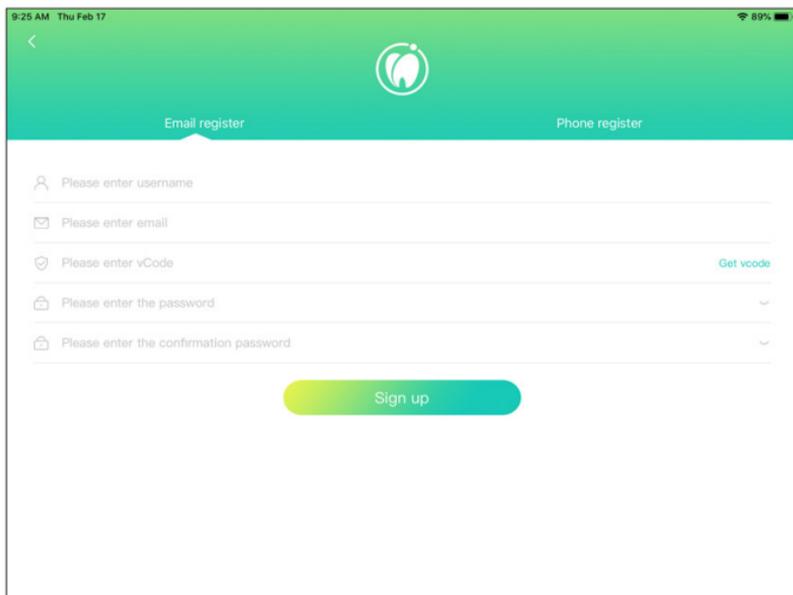
Once you get in the login page, you can select "Guest Login" to go directly to the "Home" page, as shown

If you do not choose "Guest Mode", you need to register first. Click "Signup" to enter the registration page, you can use your email or mobile phone to register your account, as shown in the figure below（tip：Network required for registration）.

Once registered, enter your account and password on the login page and click on login to access the home page, as shown below.
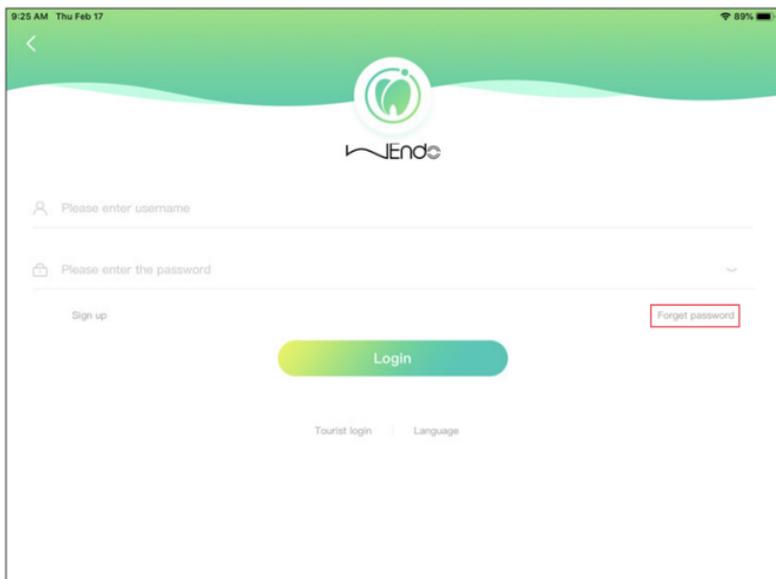
Note: The registered user name will be used for logging in and displayed in the treatment report, and cannot be modified. Please fill in it carefully and keep it.
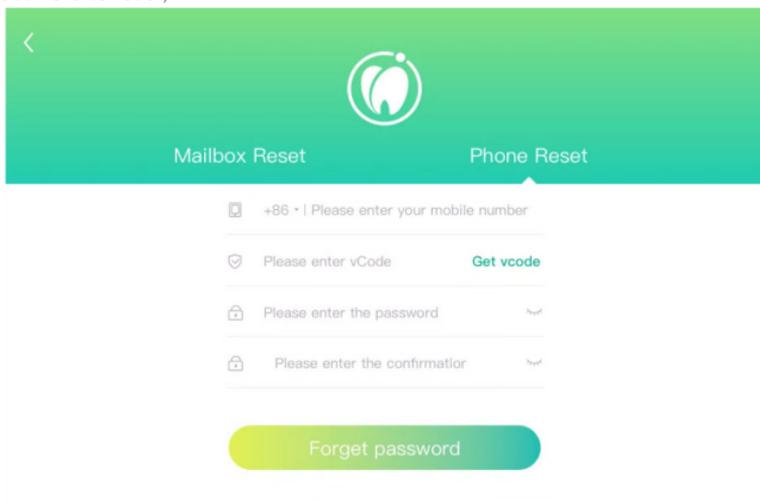

2.1 Retrieve your password： You need to enter your username and password to log in. If you forget either of the two, you can retrieve the password or username through receive the verification code by the email or mobile phone number you used to register. The specific steps are:

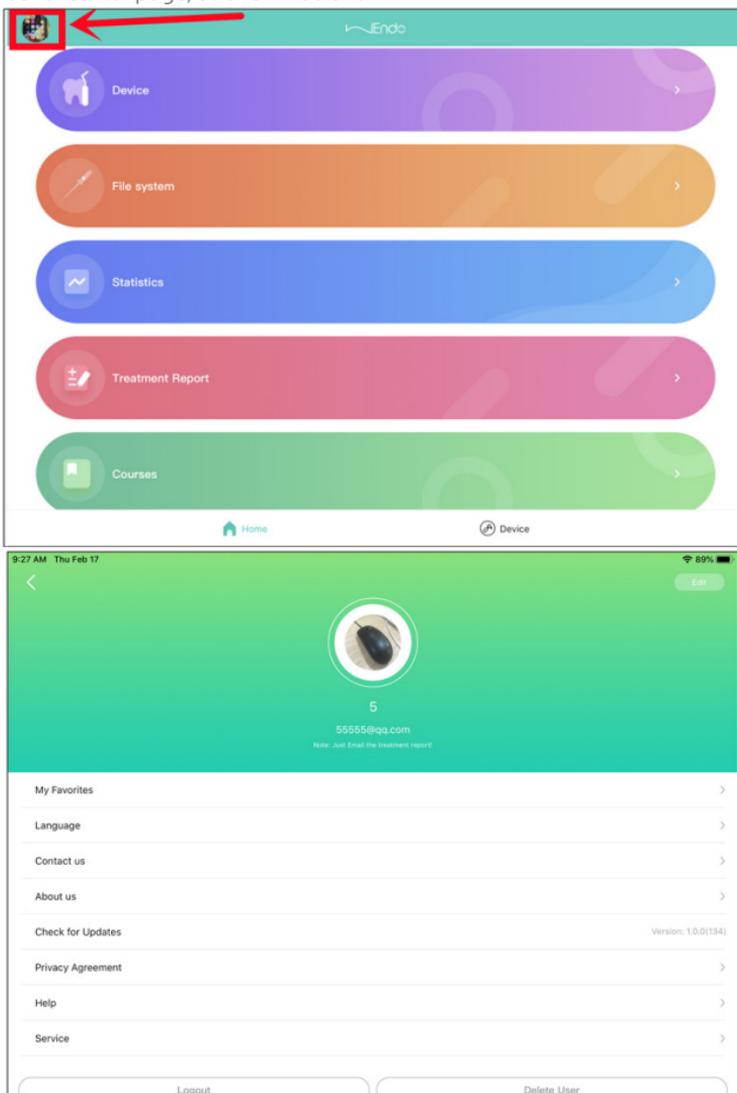1. Click 'Forgot Password' on the login screen;

2. Receive the verification code by email or mobile phone and enter a new login password to reset;

3. After the reset is successful, it will directly jump to the logged-in homepage status. At this time, you can enter the personal center to view the username corresponded by the mobile phone number or email address, which is convenient for the next login.

3. Personal center

After entering the home page, click on the icon in the top left corner to enter the personal center page, as shown below.

The Personal center page has the following functions.

1、Edit profile: you can modify user name, email, region, company name, contact number.

2、Language selection: you can switch the language.

3、Contact us: you can submit an question.

4、About us: company introduction.

5、Check for updates: You can detect the existence of new version updates.

6、Privacy agreement: you can check the privacy agreement.

7、Help center: you can view some helpful articles.

8、Customer service center: customer service email and customer service hotline.

9、Logout: You can log out.

10、Delete User: You can delete the currently logged-in account.
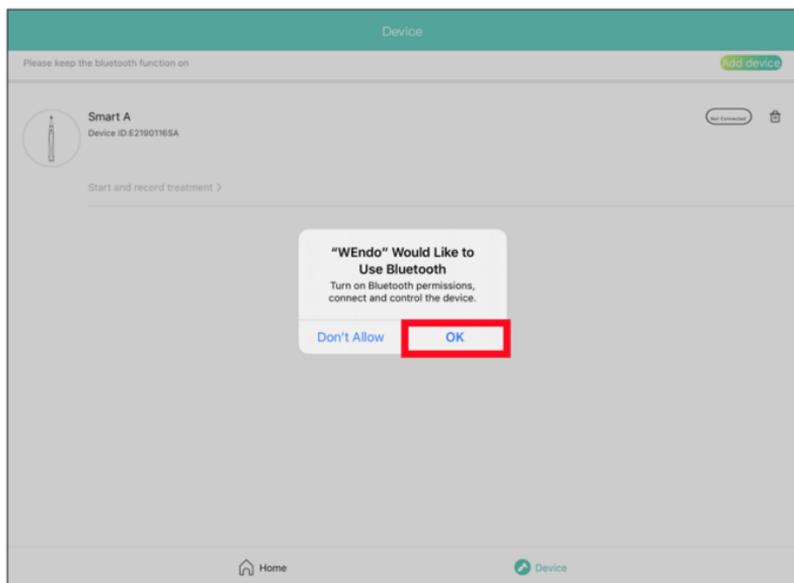
4. Device

4.1 Connecting and disconnecting device

4.1.1 Connecting devices

Click on the device button on the home page to enter the device page. The first time you enter you need to agree to open the Bluetooth permission, as shown in the following figure.
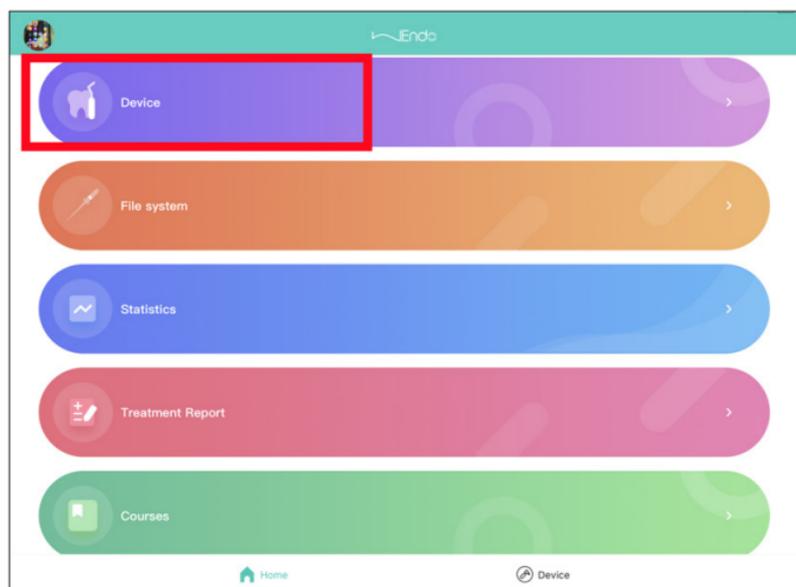
Click on the "Add Device" button and select the corresponding handpiece number to connect, as shown below.
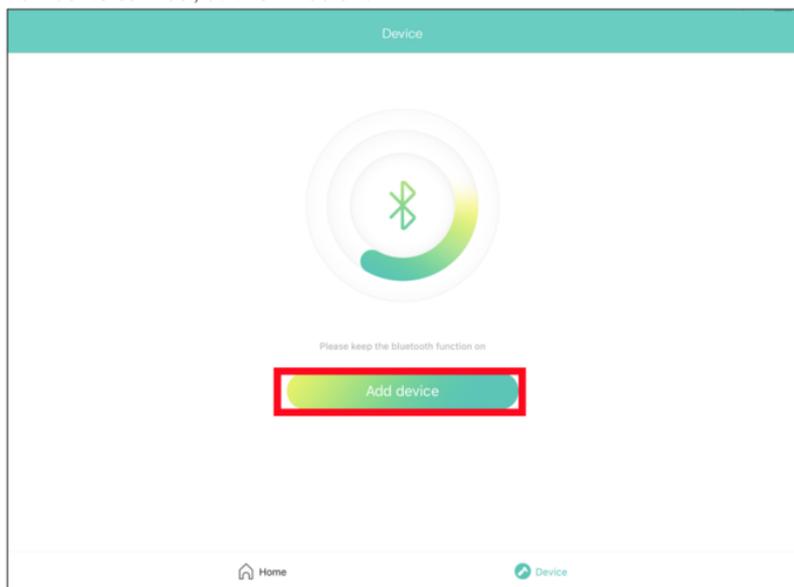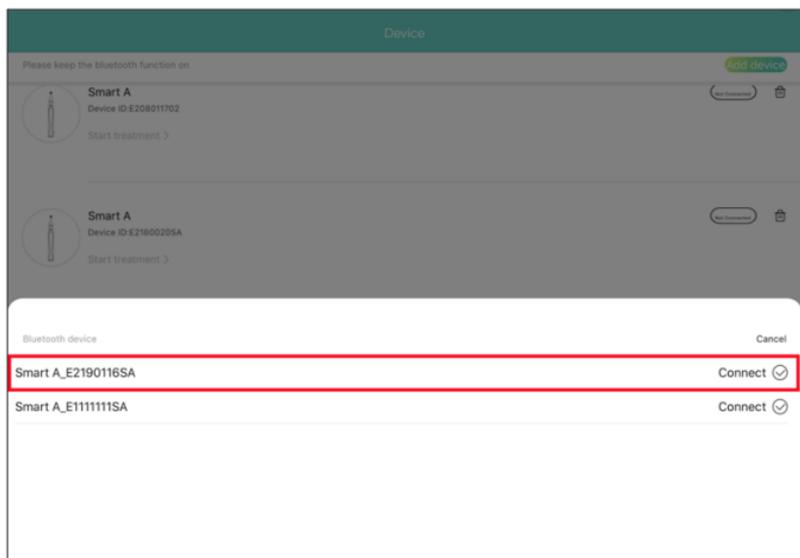
Once the device has been successfully connected, the following image is shown as follows

4.1.2 Disconnecting device

Devices can be deleted by clicking on the deletion icon and confirming the deletion, as shown in the following figure.

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Please keep the bluetooth function on

Add device

Smart A
Device ID:E2190116SA

Start and record treatment >

🏠 Home   ● Device

Tips
Are you sure you want to delete
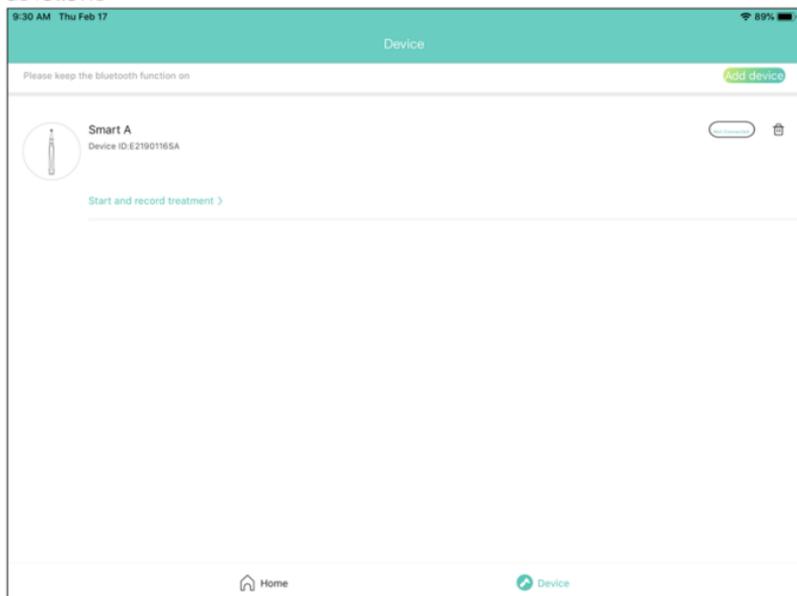this device?

Cancel   Confirm

🏠 Home   ● Device

4.2 Preparation and record

After the device has been successfully connected, click on "Preparation and record" to enter the mode selection page. There are three modes and select "Preparation and record". There will be a pop-up window the first time you enter the treatment page. At this time, choose to allow the use of microphone

function, as shown in the following figure.

4.2.1 "Preparation and record" page function description - Continuous mode

①Click on it to enter the handpiece parameters page, where you can set the parameters of the handpiece（See 4.5 Handpiece parameter setting）.

②Click on it to enter the patient list page, where you can add, search and select patients.

③Click on it to enter the tooth model page, where you can make the selection of teeth.

④File switching. Switch between the previous file and the next file.

⑤Increase or decrease the torque by 0.1 Ncm each time.

⑥Increase or decrease the speed by 10rpm each time.

⑦Set forward or reverse rotation.

⑧Click to wake up the voice function.

⑨Set auto rev or not.

⑩Display the time of this treatment. Click on it to end this treatment and generate the treatment report.

⑪Click to enter the file system page.

Enter the file system selection page and select a file system to switch to a corresponding mode. You get two systems to choose from: File system; Custom files.

You could add file info to custom file system according to your preferences(See 5.2.2 My file sequence). As is shown in the following figure.

• Click to calibrate the handpiece.

• Click to adjust the volume of the device.

• Click to enter the help center.
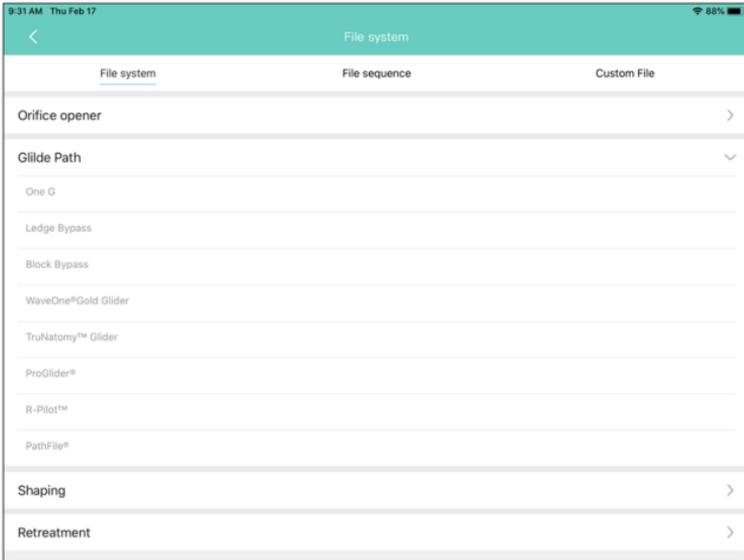
| File system | File sequence | Custom File |

Orifice opener   >

Glilde Path   ⌄

One G

Ledge Bypass

Block Bypass

WaveOne®Gold Glider

TruNatomy™ Glider

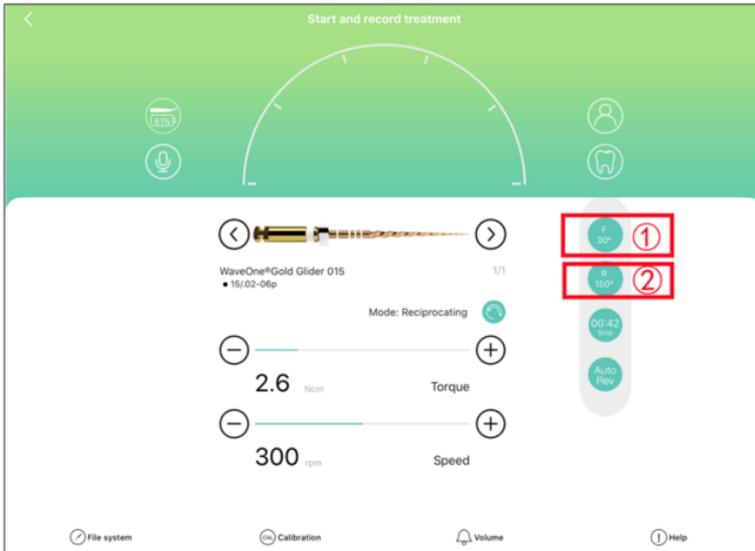ProGlider®

R-Pilot™

PathFile®

Shaping   >

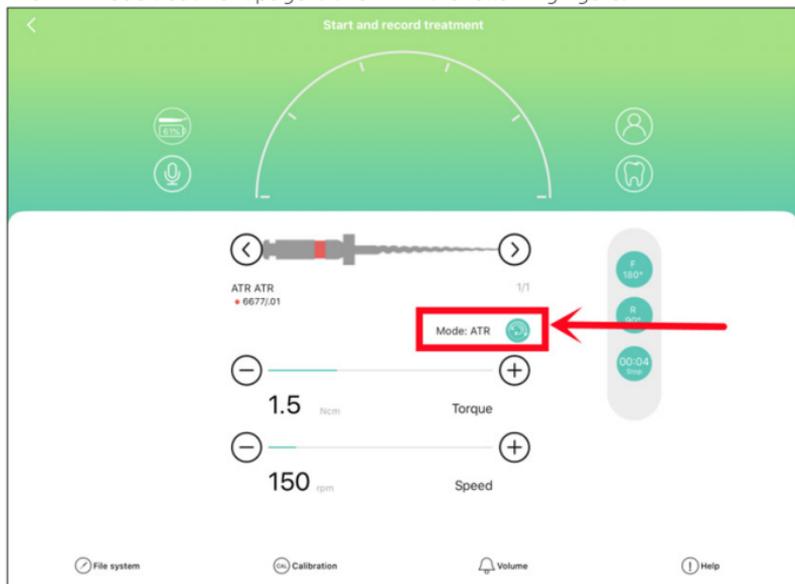Retreatment   >

4.2.2 Preparation and record" page function description - Reciprocating mode Compared with "Continuous mode", in this mode the file is reciprocating, and forward rotation and reverse rotation angles are added, as shown below.

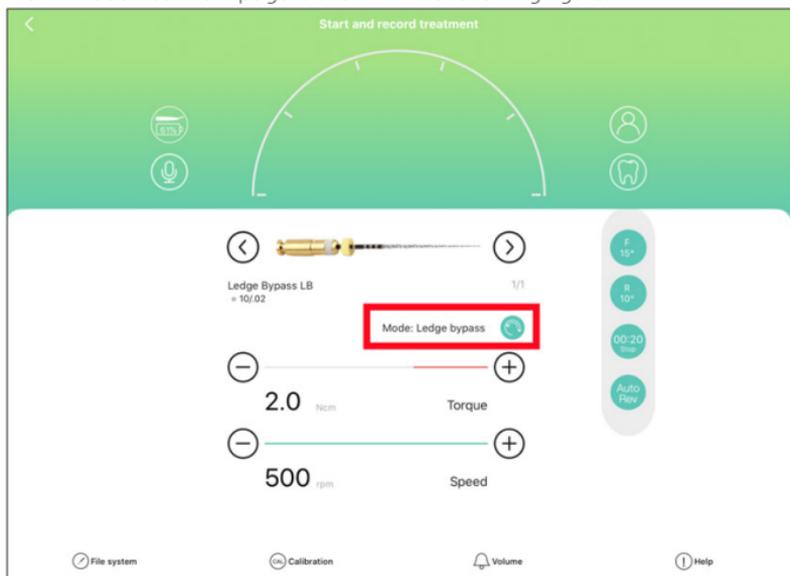①Click to set the forward rotation angle.
②Click to set the reversing rotation angle.

4.2.3 "Preparation and record" page function description - ATR mode
The ATR mode treatment page is shown in the following figure.

4.2.4 "Preparation and record" page function description - LB mode
The LB mode treatment page is shown in the following figure.

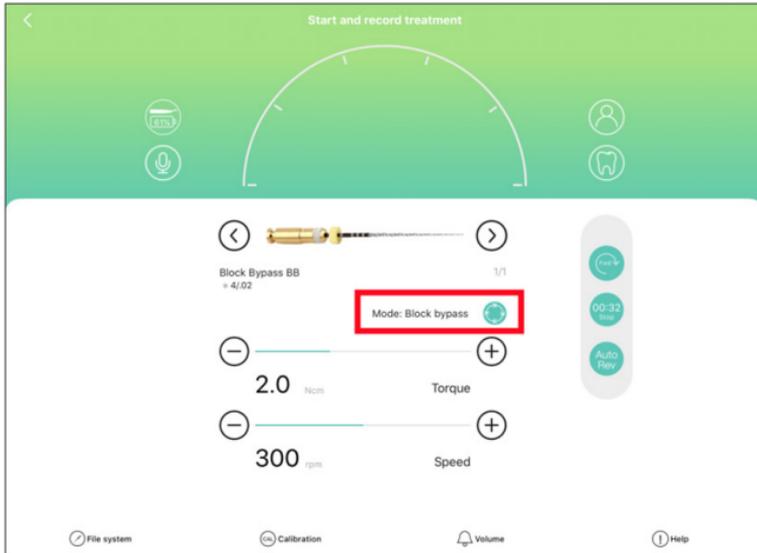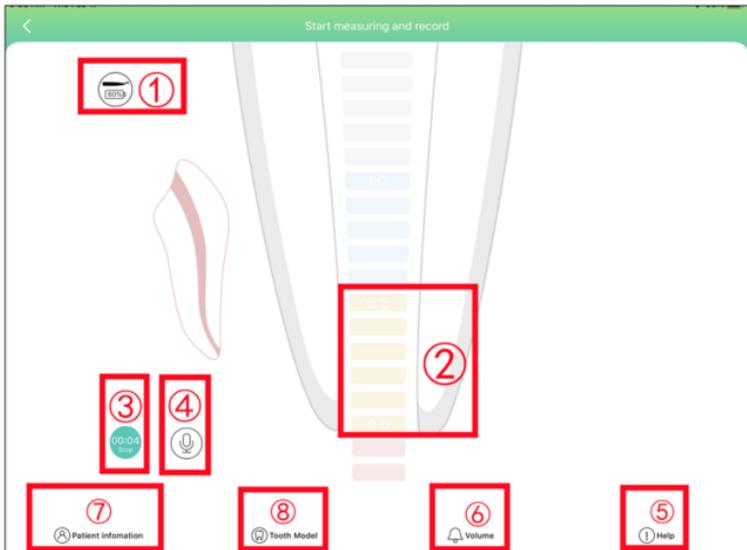4.2.5 "Preparation and record" page function description - BB mode

The BB mode treatment page is shown in the following figure.

4.3 Apex locator and record

After the device has been successfully connected, click on "Apex locator and record" on the device page to enter the mode selection page. Select "Apex locator and record" to enter the "Start measuring and record" page, as shown below:
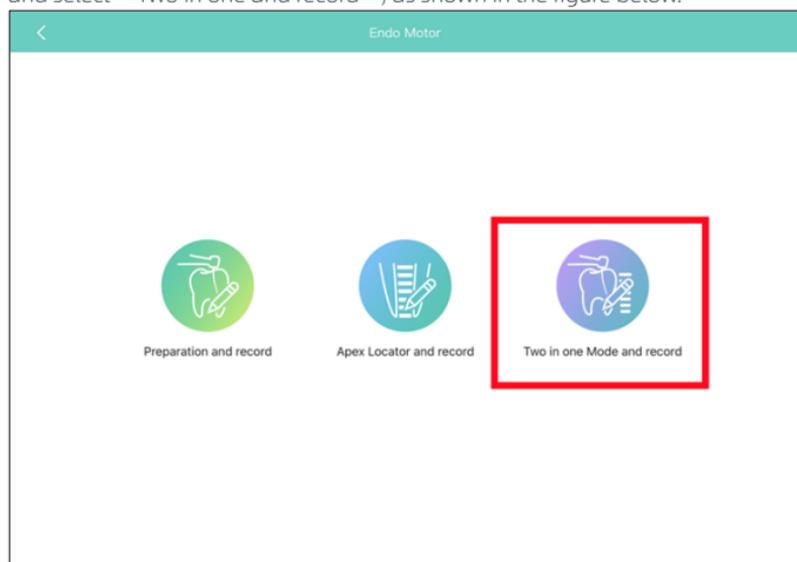
4.3.1 "Apex locator and record" page function description

① Click on it to enter the handpiece parameters page, where you can set the handpiece parameters.

② Set the apical stop position.

③ Display the time of this treatment. Click on it to end this treatment and generate a treatment report.

④ Activate voice control function.

⑤ Enter the help center.

⑥ Adjust the device volume.

⑦ Click on it to enter the patient list page, in which you can add, search and select patients.

⑧After clicking on it, you can enter the tooth model page, in which you can make the selection of teeth.

4.4 Two in one and record

After the device has been successfully connected, enter the mode selection page and select "Two in one and record", as shown in the figure below.

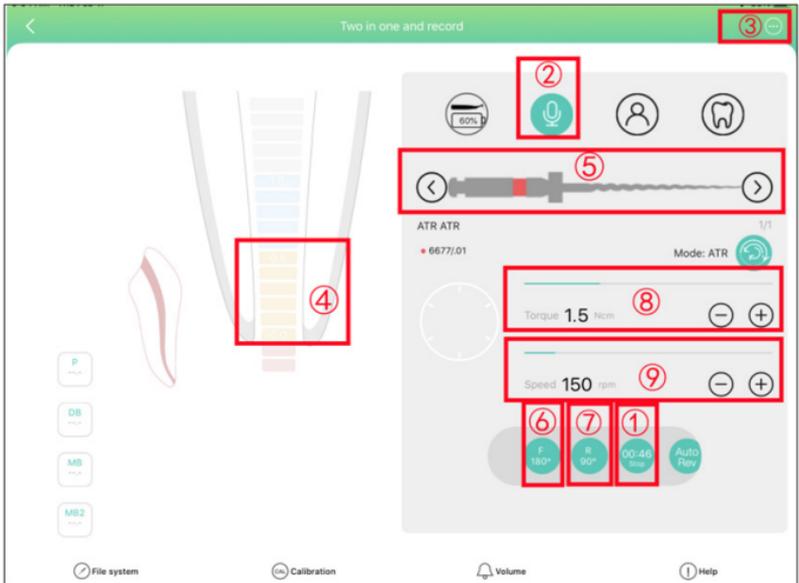4.4.1 "Two in one and record" page function description

① Display the time of this treatment.Click on it to end this treatment and generate a treatment report.
② Click to wake up the voice function.

③ More parameter display and settings,see "Two in one and record-more" page below.

④ Set the apical stop position.

⑤Switch between files, switching between the previous file and the next file.

⑥Click to set the forward rotation angle,if have.

⑦Click to set the reverse rotation angle,if have.

⑧Increase or decrease the torque by 0.1 Ncm each time.

⑨ Increase or decrease the speed by 10rpm each time.

4.4.2 "Two in one and record—more" page

① Set whether to start automatically.

② Set whether to decelerate automatically.

③ Set whether to stop automatically.

④ Set the apical action:Reverse、OFF or Stop
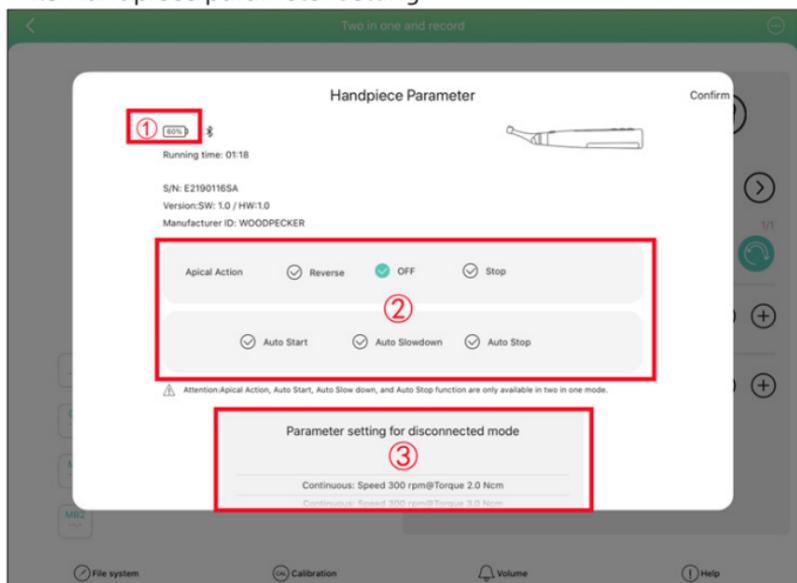
4.5 Handpiece parameter setting

①Handpiece power

②、③In the offline mode，Choice of the Apcal Action and Parameter setting for disconnected mode

④Disconnect the currently connected handpiece and delete the device from the device list

⑤Power off the handpiece

⑥Disconnect the currently connected handpiece

Note: In the offline mode, the handpiece will maintain the setting mode ②③, and the parameter work.

5. File system

Click "File system" on the main interface to enter (FIG. 5.1). The file system interface is divided into three pages: File system (a), File sequence (b) and Custom files (c), as shown below:
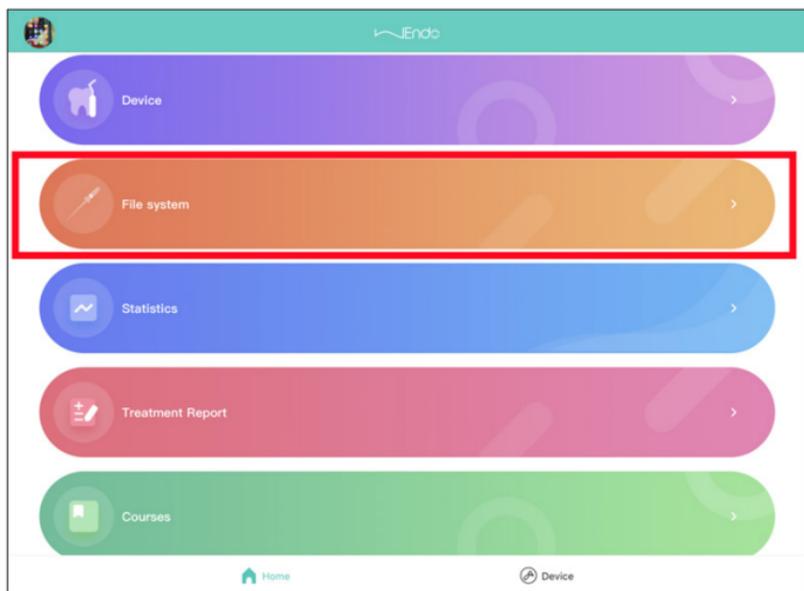
Figure 5.1

5.1 File system

The file system includes all the commonly used file systems, in which you can select the file system you need to start the treatment mode directly (shown in 4.2, 4.3 and 4.4), as illustrated by the following examples.
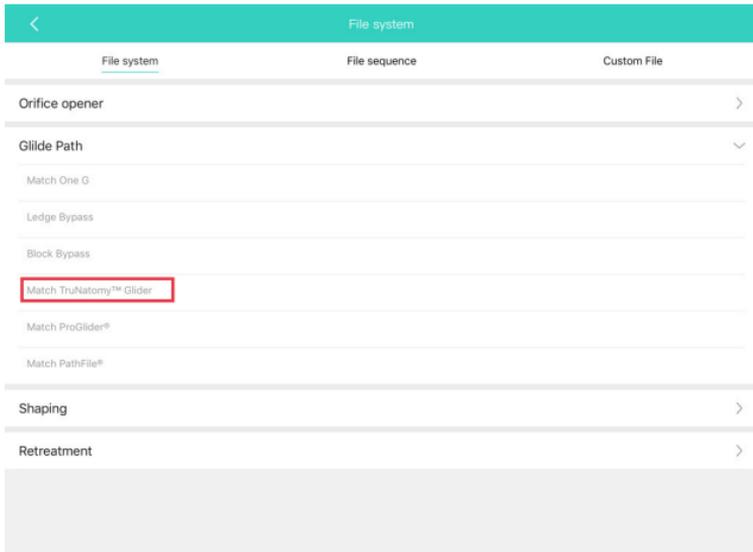
Figure 5.1.1
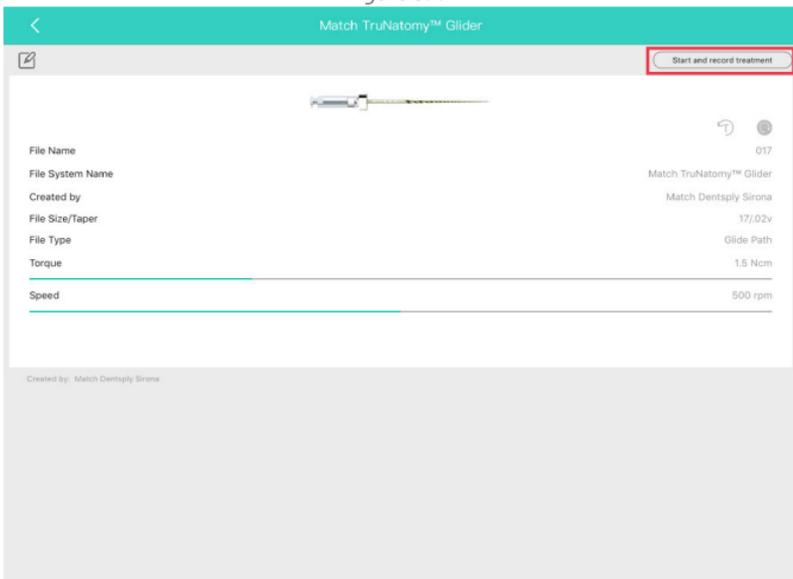
Figure 5.1.2
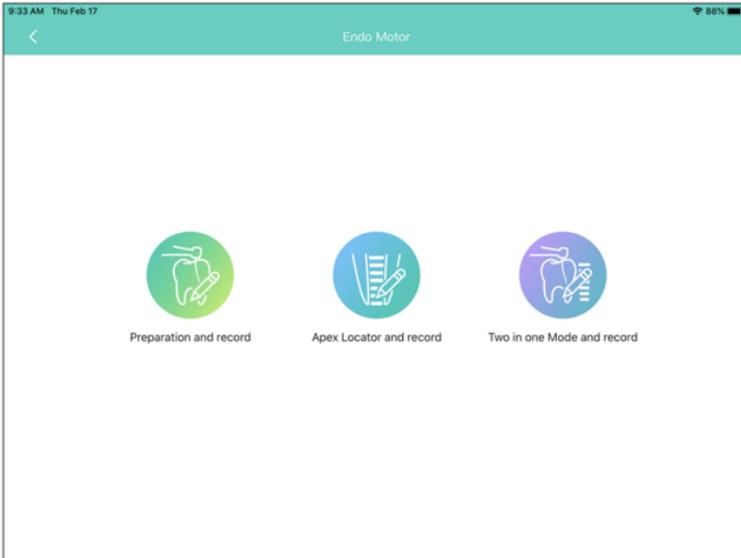
Figure 5.1.3

1. The Match TruNatomy™ Glider file system is selected in Fig. 5.1.1 File system, and the page in Fig. 5.1.2 can be entered.

2. Figure 5.1.2 shows a picture of all files of the currently used file system and their parameters (including file name, file system name, manufacturer, file size/taper, file type, torque, speed, etc.)

3. In Fig. 5.1.2 click on 'Start and record treatment ' in the upper right corner to go to Fig. 5.1.3 and select the desired treatment mode.

5.2 File sequence

5.2.1 Most used file system

In figure 5.2.1 ① is the most used file system: the system identifies the file system you use mostly; you can click directly into it to start treatment.

Figure 5.2.1

5.2.2 My file sequence
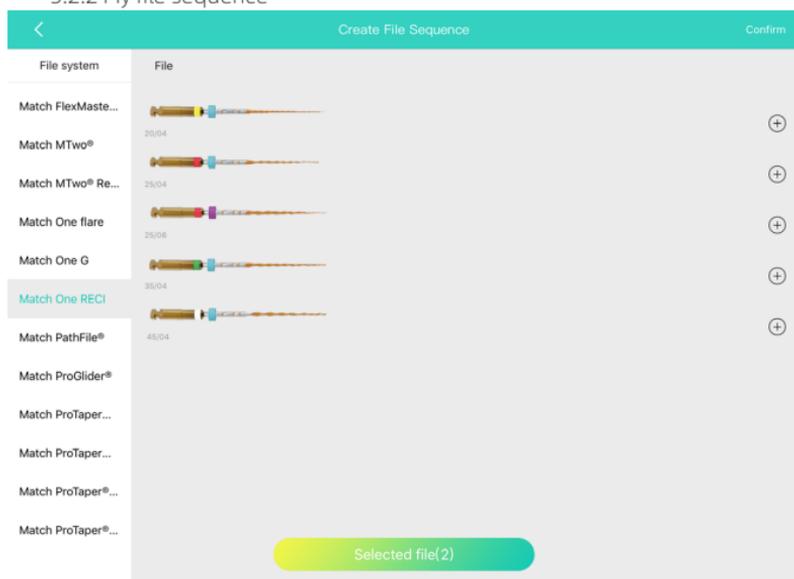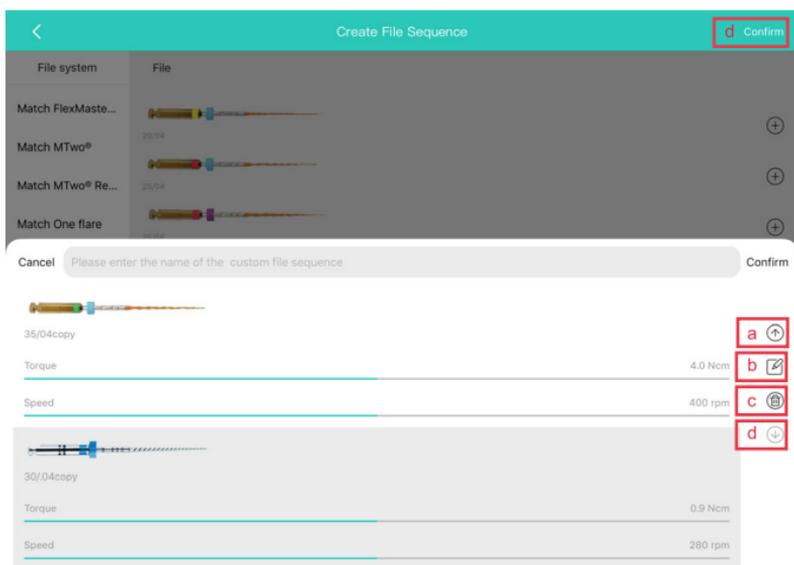
Figure 5.2.2

Figure 5.2.3

1, Figure 5.2.1 in ② create my file system: you can choose the file you want from default file system or custom files to form my file system (Figure 5.2.2). The specific steps are:
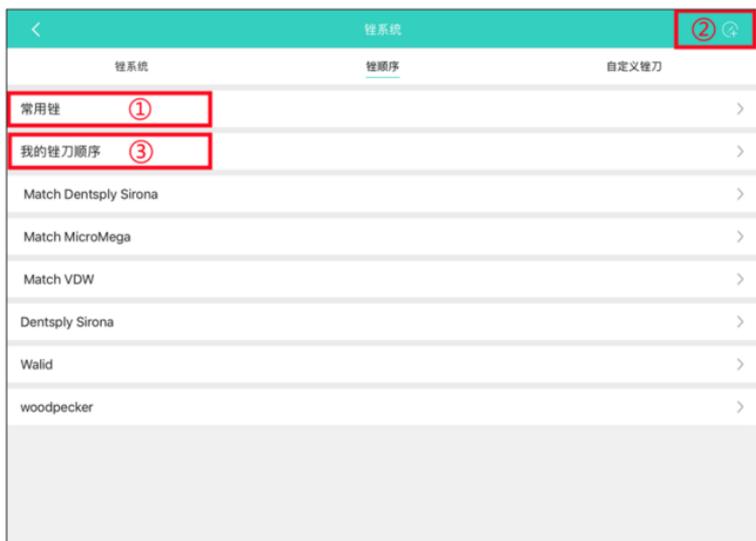
· Add the required file by clicking ⊕ on the right side.

· Click "Selected files" at the bottom to bring up figure 5.2.3.
· Edit the name of my file system, file sequence adjustment (a), file info modification (b), deletion (c), etc. in the interface of Fig. 5.2.3, and click Finish (d) in the upper right corner to complete the creation.
· The created file system can be viewed in ③ "My sequence".

2, Figure 5.2.1 ③ My file sequence: for the file sequence that has been created, you can click one of the file sequence to enter Figure 5.2.4, in which you can add delete file (a), delete this file sequence (b), use this file sequenceto start treatment and record (c)

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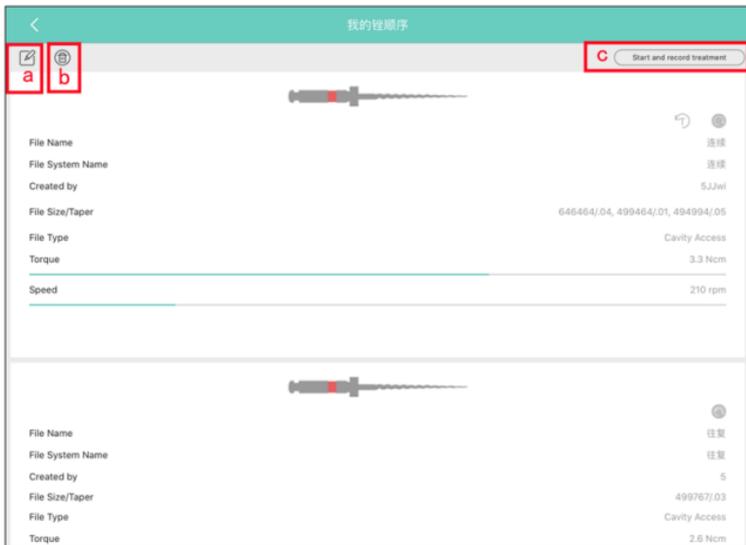
Figure 5.2.4

5.2.3 Custom files
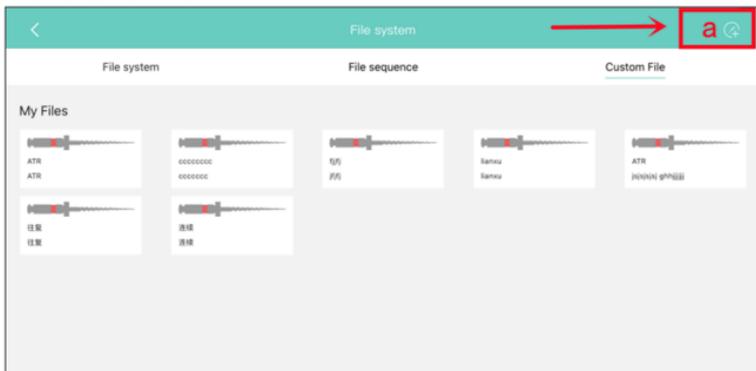
Figure 5.2.5
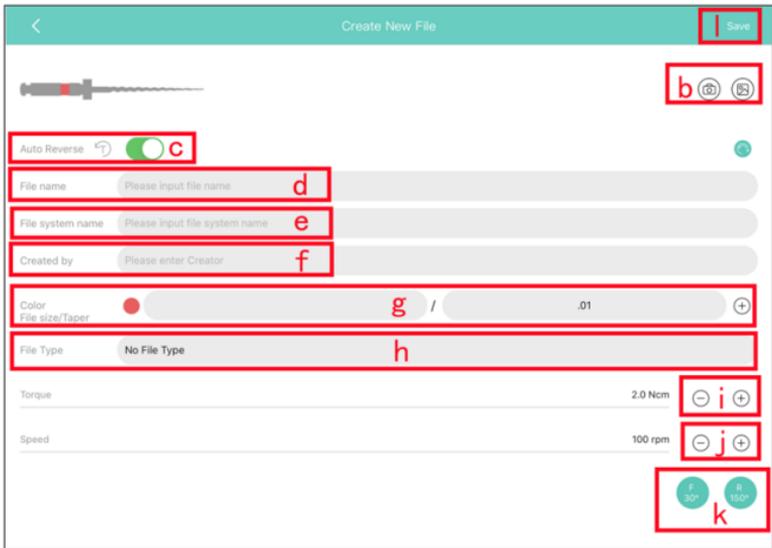
Figure 5.2.6

For files that are not available in the system, users can add them themselves. The specific steps are as follows.

In the interface of Fig. 5.2.5, click on the top right corner to add a file (a) and go to Fig. 5.2.6.

In the interface of Fig. 5.2.6 you can set the file picture (b), auto-reverse (c), file name (d), file system name (e), creator (f), colour (g), taper (g), file type (h), torque (i), speed (j), forward rotation angle (k), reverse rotation angle (k) and other information.

Click on "Confirm" (l) in the top right corner of the screen in Fig. 5.2.6 to complete the creation.

Instructions:

1. For the files already created, the information can still be modified and deleted in the Custom files - My files.

2. "My files" in "Custom files" will be available as other options, which can be added to the my files system in the my files sequence.
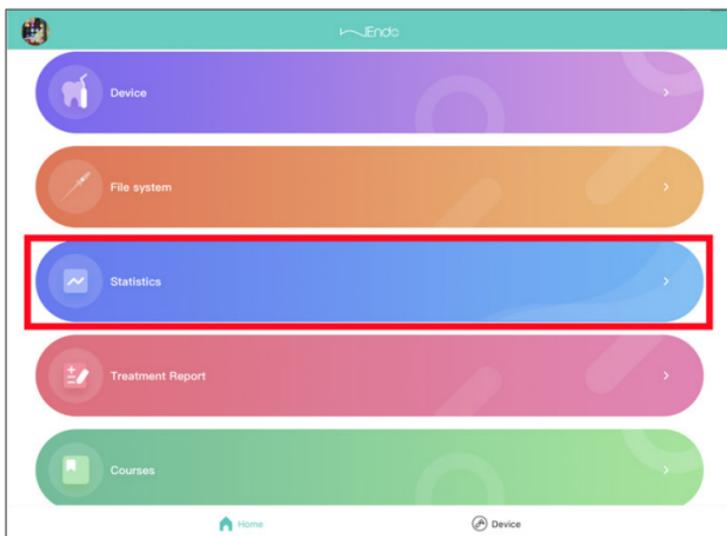
6. Statistics

Figure 6.1
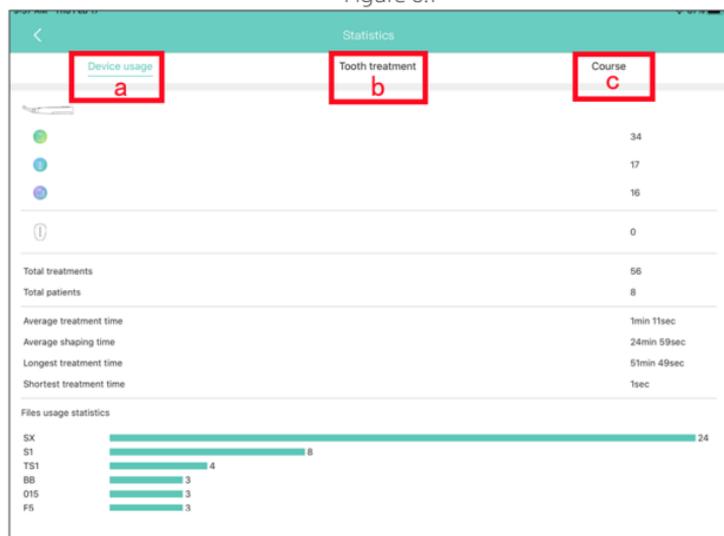
Figure 6.2

Clicking on Statistics (a) in the main screen Figure 6.1 to enter the page in Figure 6.2, which contains three pages, namely:

(b) Device usage statistics
(c) Teeth treated statistics
(d) Course

6.1 Device usage statistics

This page provides statistics of root canal preparation times, root canal measurement times, two-in-one times, total treatments, total patients, average treatment time, average shaping time, longest treatment time, shortest treatment time and each file usage statistics, etc.

6.2 Teeth treated statistics

In this page you can select a XX-numbered tooth to see the total treatments, average treatment time, average shaping time and other information for this type of tooth.

6.3 Course

Device usage		Tooth treatment		Course

Course

Number of Views	37
Learning duration	1min36sec

This page allows you to check the times watched and learning duration with your current account.

7. Treatment report

Figure 7.1

Figure 7.2

Figure 7.3

In the main page (Figure 7.1) click on "Treatment report" (a) to bring up Figure 7.2.

In Figure 7.2, click on Patient Information Entry (c) in the upper right-hand corner, which brings up the Figure 7.3 page for new patient information entry.

For previous patients, their name, times of treatments and last treatment time are displayed in Figure 7.2 in an abbreviated form.

Take patients who did root canal measurement for example, click to jump to Figure 7.4, where the specific time of all treatments for patients and the file system used will be displayed; if you still want to see detailed information, you need to click on the view treatment report logo (a) in the top right-hand corner.

Go to Figure 7.5.

In the page in Figure 7.5 you can:

1. view further details of the treatment time, the equipment used, the specific file and file parameters for this patient

2. view the torque curve of the file used (b)

3. produce a PDF report of the treatment (b), which will be sent to the email address you have set up in the APP.

4. view the tooth pattern (c).

5. Delete (d).
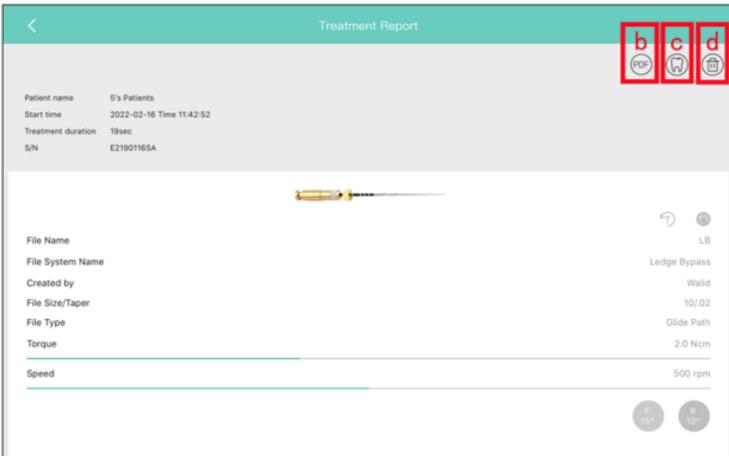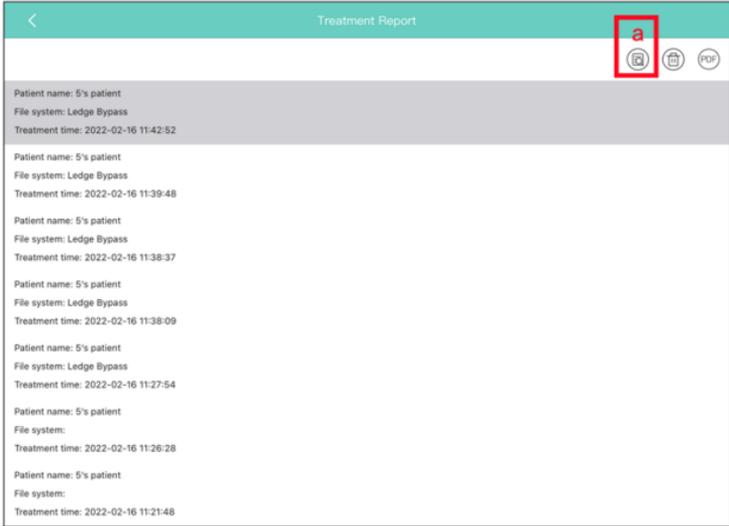
8 Voice

On the'Preparation and record 'page, 'Apex Locator and record'page, and'Two in one Mode and record'page, send "Hi, Vivi" to wake up the voice function, as shown in the following figure:

On the wake-up page, you can directly send commands, and after successful identification, you can adjust the corresponding functions.

(Note: During the rotation of the motor, only the "stop motor" command can be sent, and other commands will not be executed.)

For specific voice commands, please refer to Appendix 1 "Common Voice Command List" in this manual.

9. Courses

The course contains the operation document or operation video of the product.

9.1 Courses Classification

You can choose different courses to study by Courses Classification

9.2 Coureses Sort

The courses can be sorted by Comprehensive, most views or newest. It is convenient for users to choose.

After entering the course details, you can watch and study, favorite, and like the course. Your favorite courses will be saved in My Favorites.

Schedule1

wake up command： Hi Vivi !		
Command	perform action	Remark
"Start the motor"	"Start the motor"	/
"Stop the motor"	"Stop the motor"	/
"Speed Up"	"10 rpm increase each time."	"1) Increase by 10 each time; 2) But not exceeding the maximum speed of 2500 3) It cannot exceed the speed range under the current torque."
"Speed Down"	"10 rpm reduction each time. "	"Decrease by 10 each time. The minimum speed of 100 cannot be exceeded."
"Torque Up"	"0.1N.cm increase each time. "	"1) Step 0.1. 2) The maximum torque of 5.0 cannot be exceeded 3) Nor can it exceed the torque range at the current speed."
"Torque Down"	"0.1N.cm reduction each time. "	"Step 0.1. The minimum torque of 0.4 cannot be exceeded. "
"Reverse Mode"	"Set the movement to counterclockwise rotation mode."	"Only valid in continuous mode and BB mode. "
"Forward Mode"		
"Reverse angle up"	"5 degrees increase each time"	"Step 5°. Only valid in reciprocating mode, ATR mode, LB mode. "
"Reverse angle down"	"5 degrees reduction each time"	
"Forward angle up"	"5 degrees increase each time"	"Step 5°. Only valid in reciprocating mode, ATR mode, LB mode"
"Forward angle down"	"5 degrees reduction each time"	
"Forward angle ××"	"Set the forward motion angle. For example:Forward angle 90°"	"1）Only valid in reciprocating mode, ATR mode, LB mode 2）Only numbers that are multiples of 5 can be recognized"
"Reverse angle ××"	"Set the Reverse motion angle. For example:Reverse angle 150°."	
"Speed ××"	" Set the speed of the Motor. For example:speed 500. "	"1）Only valid in reciprocating mode, ATR mode, LB mode 2）Only numbers that are multiples of 10 can be recognized 3）The speed should be within the range under the current torque"
"Torque ××"	"Set the Torque of the Motor. For example:Torque 4.0. "	"1）Torque should be within the range at the current speed 2）Only recognizes torque values that are multiples of 0.1"

Command	perform action	Remark
"Previous file"	"Set to the previous file of the current file system"	"1) If it is the first file, the second operation cannot be performed 2) This operation is not possible if there is only one file"
"Next file"	"Set to the next file of the current file system"	"1) If it is the last file, the second operation cannot be performed 2) This operation is not possible if there is only one file"
"Auto Reverse on(or turn on Auto Reverse function) "	"turn on the auto reverse function"	"1) Only valid in Preparation and record and Two in one and record. 2) Only valid in Continuous Mode and Reciprocating mode if the conditions 1) are met"
"Auto Reverse off(or turn off Auto Reverse function) "	"turn off the auto reverse function"	"1) Only valid in Preparation and record and Two in one and record. 2) Only valid in Continuous Mode and Reciprocating mode if the conditions 1) are met. "
"Auto Start on(or turn on Auto Start function)"	"turn on the auto start function,only valid in Two in one and record."	
"Auto Start off(or turn off Auto Start function) "	"turn off the auto start function,only valid in Two in one and record."	
"Auto slow down on(or turn on Auto slow down function) "	"turn on the Auto slow down function,only valid in Two in one and record."	"Only valid in Two in one and record."
"Auto slow down off(or turn off Auto slow down function)"	"turn off the Auto slow down function,only valid in Two in one and record."	
"Auto stop on(or turn on Auto stop function) "	"turn on the Auto stop function,only valid in Two in one and record."	
"Auto stop off(or turn off Auto stop function) "	"turn off the Auto stop function,only valid in Two in one and record."	

Command	perform action	Remark
"Apical stop x/ (x=0-5)"	"set the apical stop position. For example:Apical stop 3."	"1.x range is 0-5 2. Only valid in Two in one and record and Apex locator and record"
"apical action stop"	"set the apical action to STOP mode"	"Only valid in Two in one and record."
"apical action reverse"	"set the apical action to REVERSE mode"	
"apical action off"	"turn off the apical action function"	
"switch to BB file system"	"choose BB file system to use."	"Only valid in Preparation and record and Two in one and record."
"switch to LB file system"	"choose LB file system to use."	

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