

User Manual

Ver 2.0.0

2025/8/8

<https://www.imotek.com.tw/>

Before using this product, please make sure to carefully read the user manual.

Please use it correctly based on a full understanding of its contents.

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1. Information

Tekfit Pro is an advanced inertial motion analysis technology system designed to assess your knee joint and pelvic stability while cycling. It is also a professional-grade bike fitting system capable of measuring full-body joint angles, providing comprehensive motion capture beyond just the lower limbs.

Through real-time visual graphs, Tekfit Pro helps you easily adjust your bike shoe cleats and frame settings while recording each adjustment's outcome for later review. This system features fast analysis speed and accurately interprets 3D joint dynamics, surpassing traditional 2D technologies by simultaneously measuring multiple joints for more precise and holistic analysis. This document will provide detailed instructions on software installation and operation. Please read the instructions carefully before use.



1.1 Basic Equipment Data Table

- TEKFIT Pro Software x 1
- Motion Sensors x 3
- Band x 2

1.2 Software Minimum Requirements

- Minimum Requirements in Windows :

Specifications	
OS	Windows 10 or above
CPU	Intel Core i5 or AMD Ryzen 5
RAM	6GB
Hardware Space	2GB
Resolution	1920 x 1080
Bluetooth	4.2 (5.0 or above has best performance)
USB Port (Applicable only to Type1 model)	3 ports (USB 2.0 or above)

- Minimum Requirements in Android:

Note: Please use tablets that run a native Android operating system, such as those from Samsung or Lenovo. Devices like Huawei, which use a non-pure Android system (e.g., HarmonyOS), may lead to compatibility issues with certain software.

Specifications	
OS	Android 9 or above

CPU	Snapdragon 855 or above
RAM	6GB
Bluetooth	4.2 (5.0 or above has best performance)

1.3 Precautions Before Use

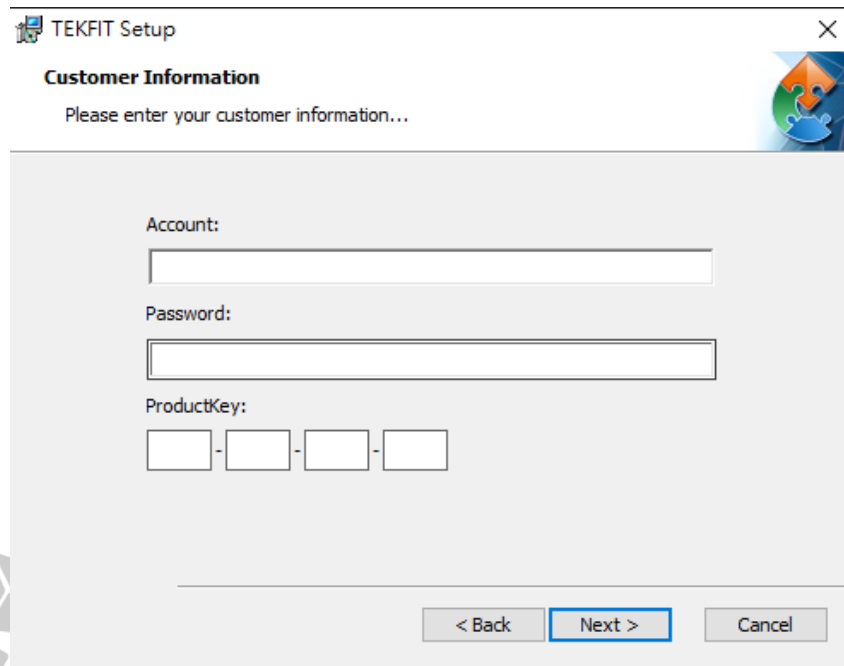
- Before use, please carefully read this manual. Our company does not bear responsibility for any human-caused issues resulting from improper use of the product.
- Carefully read and properly store the user manual. Follow the operating instructions as described in the manual. The screen display illustrations used in this manual may not exactly match what appears on your screen. This discrepancy may be due to different software versions.

2. Installation

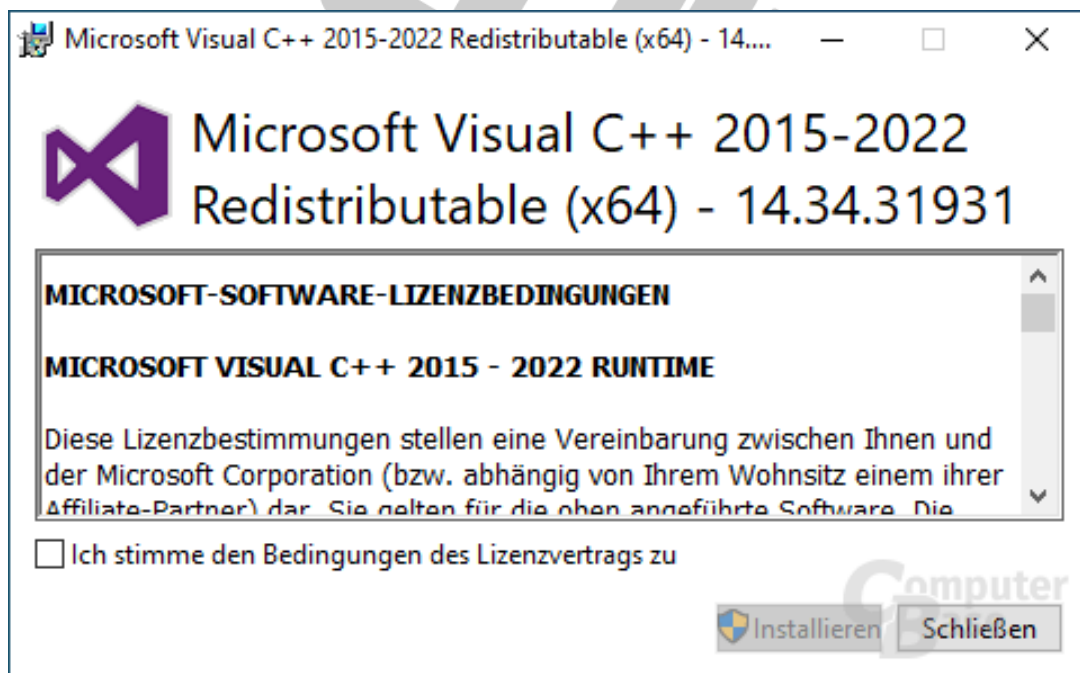
2.1 Windows Version (Only compatible with Type 1 or Type 2 sensors.)

- **Step 1:** Execute TEKFIT Pro_Setup.exe.
- **Step 2:** Enter the enterprise account and license code.

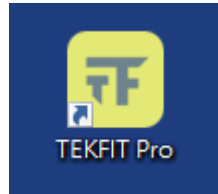
(Please perform this operation with internet connection)



- **Step 3:** Installer will download the latest “Microsoft Visual C++ Redistributable” automatically, click “Install” if not installed, you can skip this step by closing the “Microsoft Visual C++ Redistributable” installer if you have already installed.



- **Step 4:** Installation succeed, Click the TEKFIT Pro icon to get started



2.2 Android (IOS) Version (Only compatible with Type 2 or Type 3 sensors.)

- **Step 1:** Open Google Store and search TEKFIT PRO to install.
- **Step 2:** Open Bluetooth and start TEKFIT PRO app.
- **Step 3:** After entering your account and password for the first time, you'll be prompted to enter your **product key** to activate.

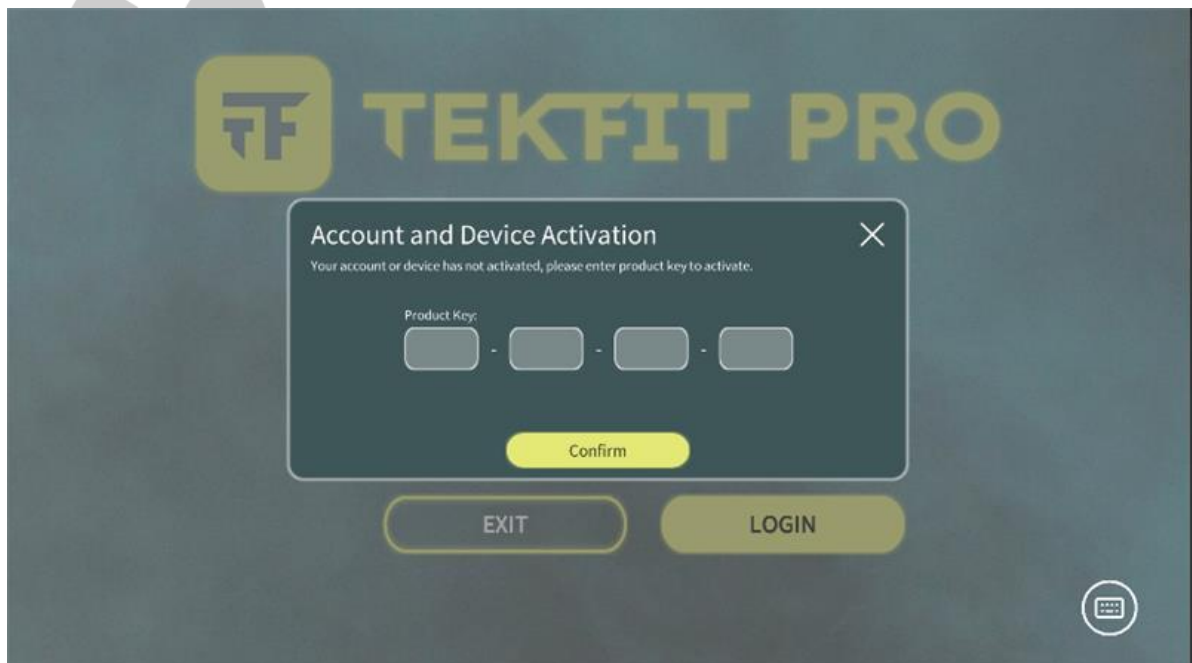


Figure 2.2.1 Key in product key (for Android)

3. Software Instruction

3.1 Login

- **Step 1:** On Windows, run TEKFIT Pro.exe and login using your enterprise account.

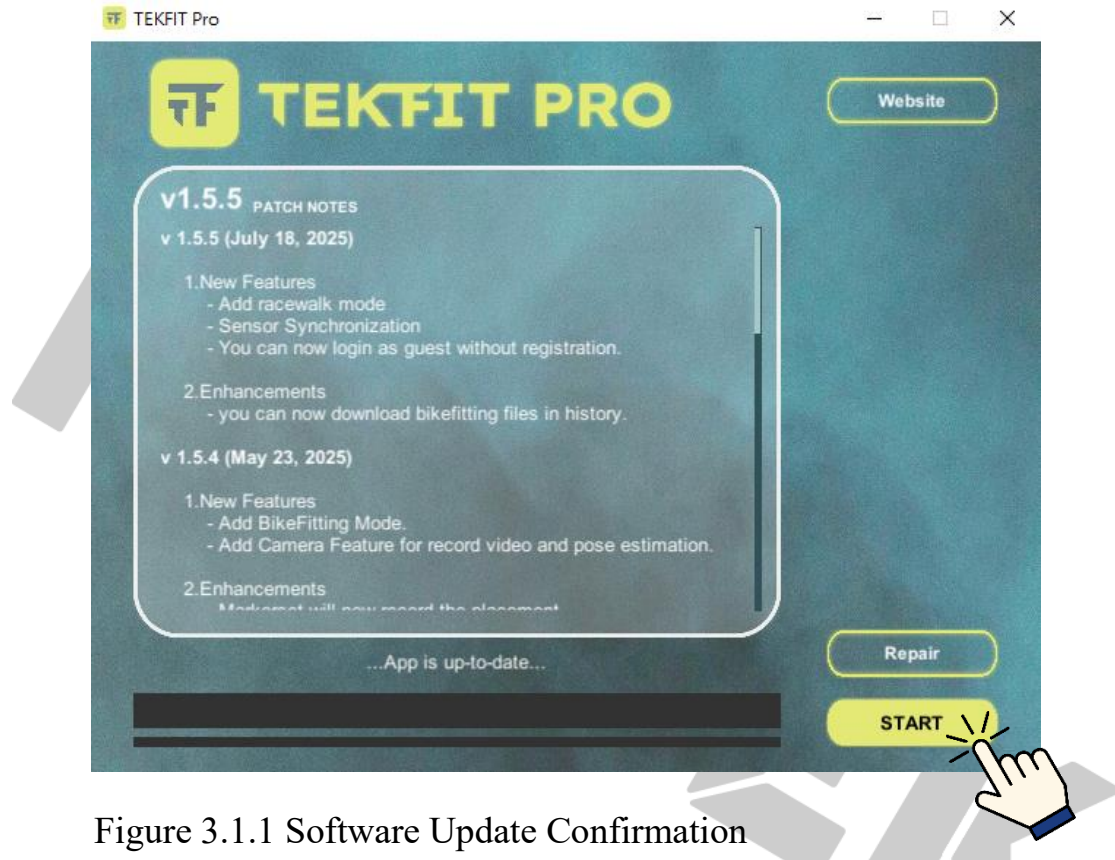
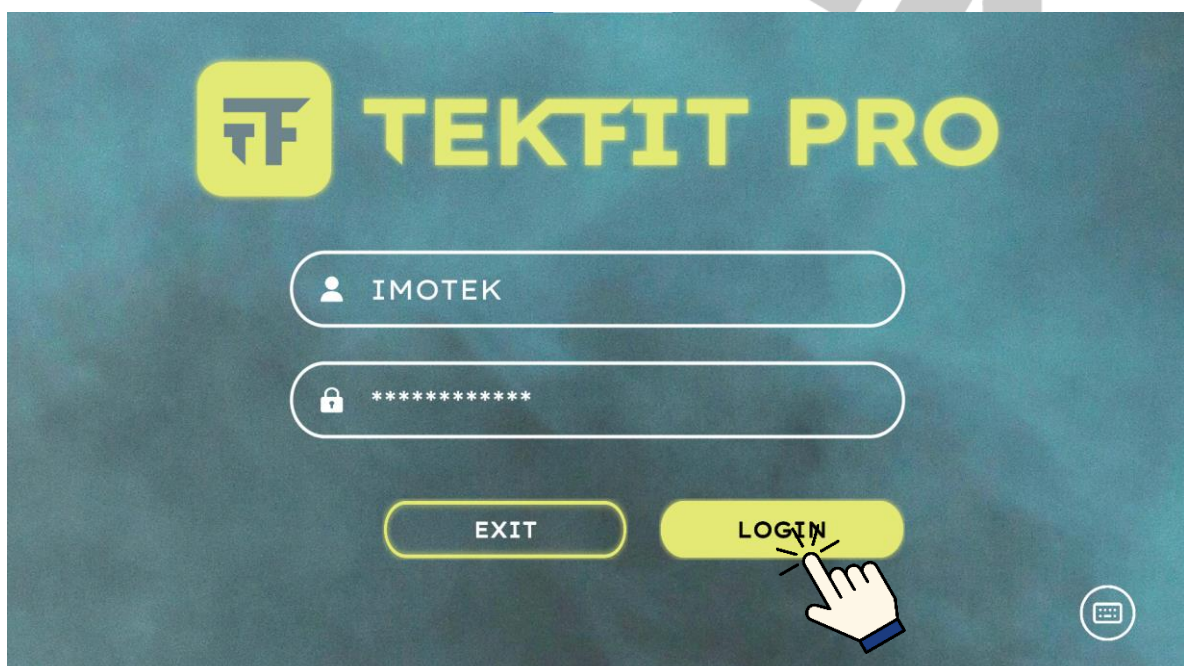


Figure 3.1.1 Software Update Confirmation



3.2 Pair Sensors

- **Step 1:** Click  to open setting page.

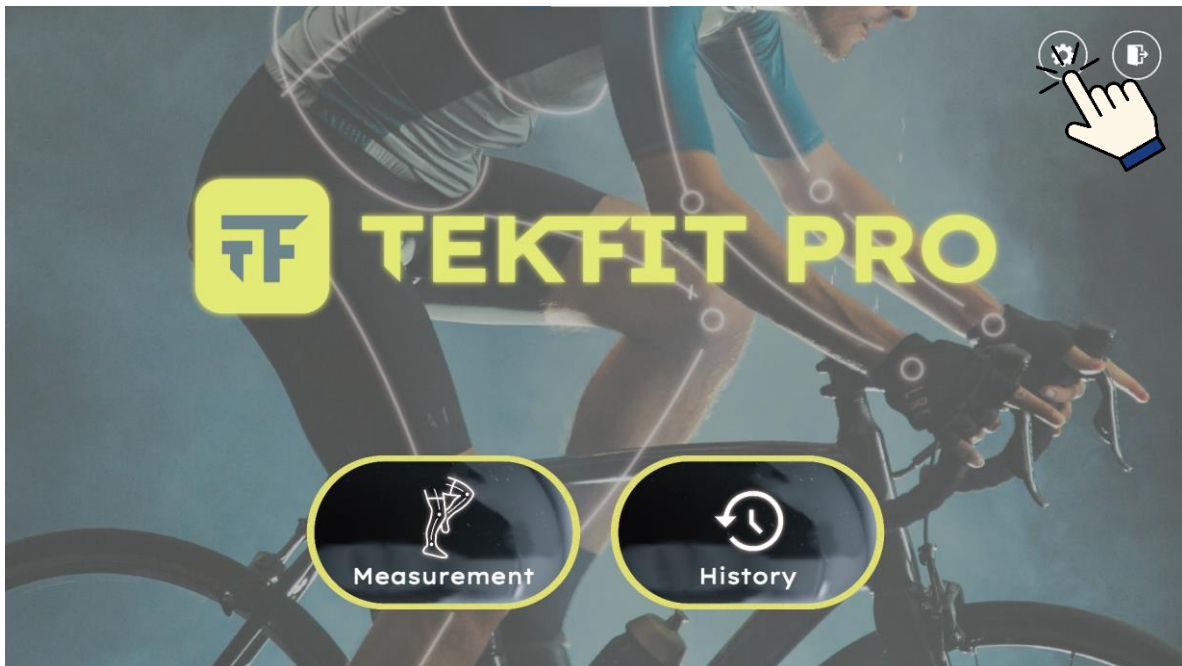


Figure 3.2.1 Main Page

- **Step 2:** Select “Sensor” to open Sensor panel.

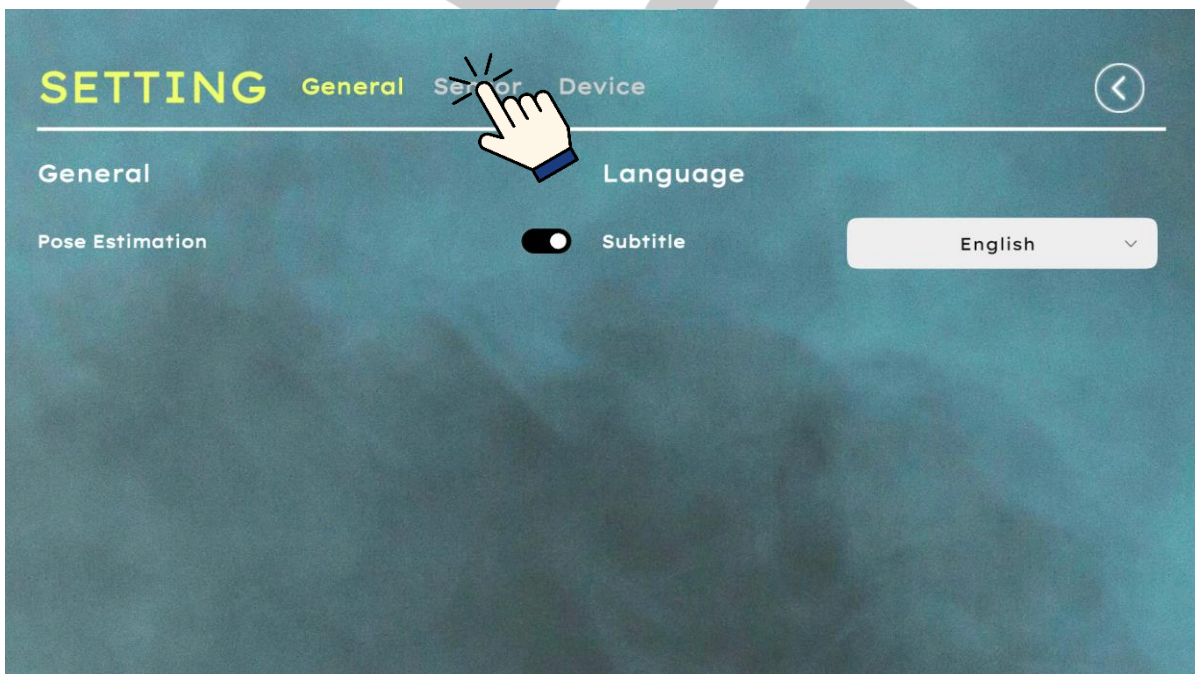


Figure 3.2.2 Setting Page

- **Step 3:** Please select your sensor type; the scanned sensor will appear on the right side of the list. We currently support three brands of sensors:

Type 1: ALDA ; Type 2: Movella Dot ; Type 3: Moxi

(Please note if you are using a sensor with an unauthorized MAC address by IMOTEK, the system will not function, even if it is a supported device.)

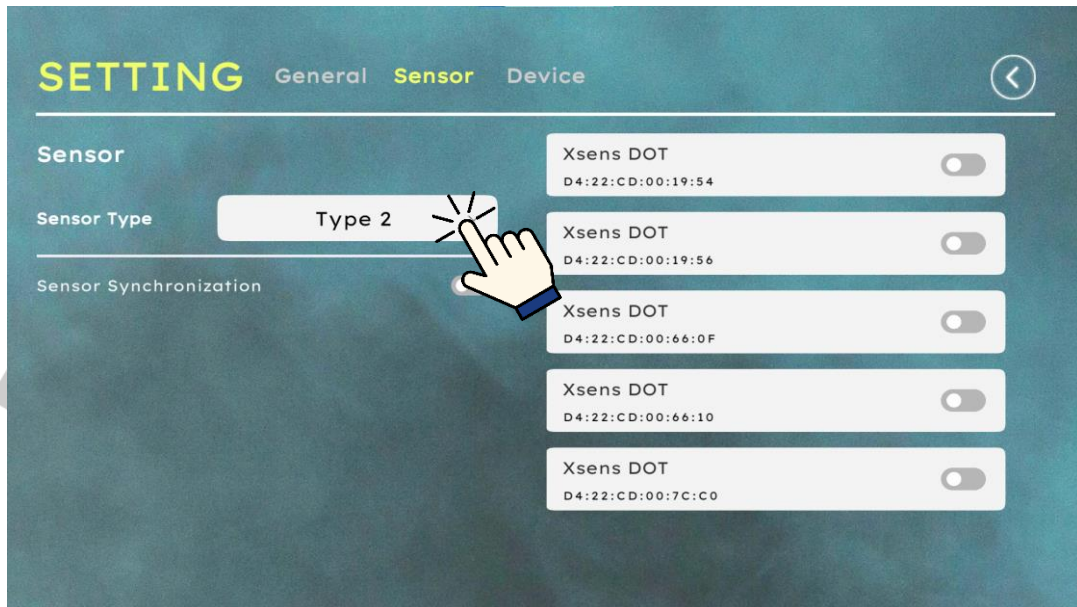


Figure 3.2.3 Setting Page- Search for Sensor

- **Step 4:** The screen will display the sensor successfully connected to the computer. Please click the button on the right to connect the sensor.

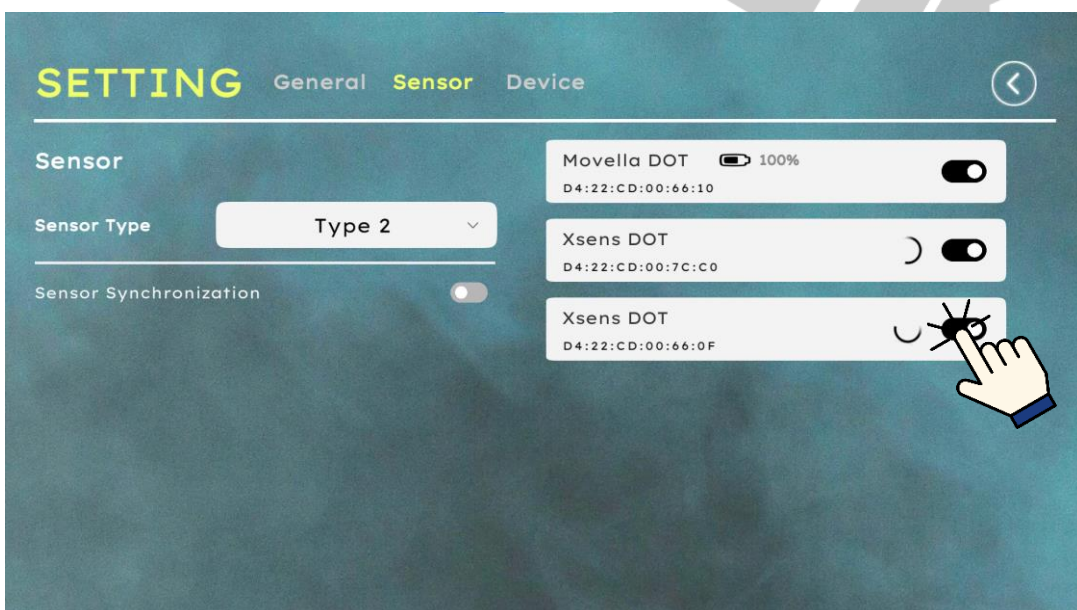


Figure 3.2.4 Setting Page- Connect Sensor

- **Step 5:** Please turn on the **Sensor Synchronization** switch. This will sync all sensor data to improve accuracy.

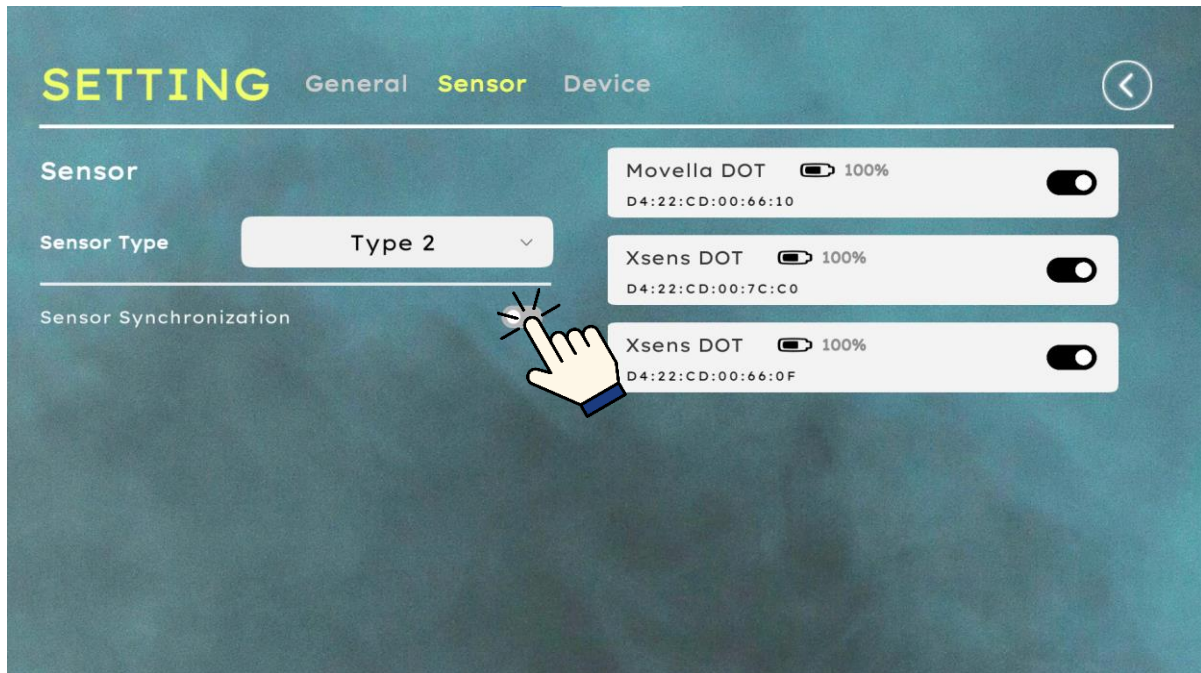


Figure 3.2.5 Setting Page- Enable Synchronization

3.3 Connection Methods

Type1-ALDA:

Connect the sensor to your device using the dedicated USB receiver. The driver for the USB receiver will be installed automatically when you install the TEKFIT Pro software. If the sensor does not appear on the screen after confirming that it is plugged into the USB port, check the Device Manager for any unknown devices. If an unknown device appears, it indicates that the driver installation failed, and you may need to reinstall TEKFIT Pro.

Type2-Movella Dot:

Connect via Bluetooth, ensuring that your device's Bluetooth function is enabled. To power on the sensor, press and hold the button on the front. If the LED is not lit, the sensor may be out of battery, so please recharge it. If the LED blinks intermittently, it indicates that the connection has been successfully established.

Type3-Moxi:

Connect via Bluetooth, ensuring that your device's Bluetooth function is enabled. Press the button on the side to power on the sensor. If the LED is not lit, the sensor may be out of battery, so please recharge it. The LED light will stay on when powered, and turn off after connecting or shut down.



Type1-ALDA



Type2-Dot



Type3-Moxi

Magnetic Field Calibration for Type 3 Sensors

(Recommend process magnetic field calibration each time you change your measurement environment)

- **Step 1:** On the Sensor Page, click the Start button under Magnetic Field Mapping.

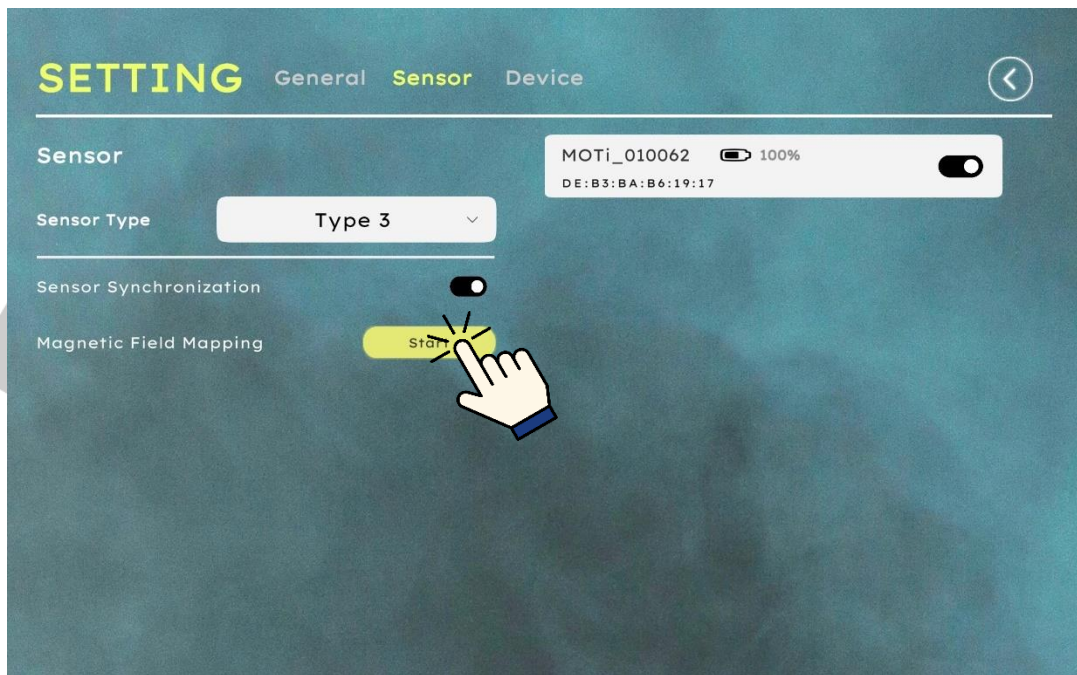


Figure 3.3.1 Setting Page- Magnetic Calibration

- **Step 2:** You can click on the sensor name to view magnetic field data. During calibration, please ensure the sensor is at least 30 cm away from electronic devices or metal objects. Click Next to begin the calibration process.

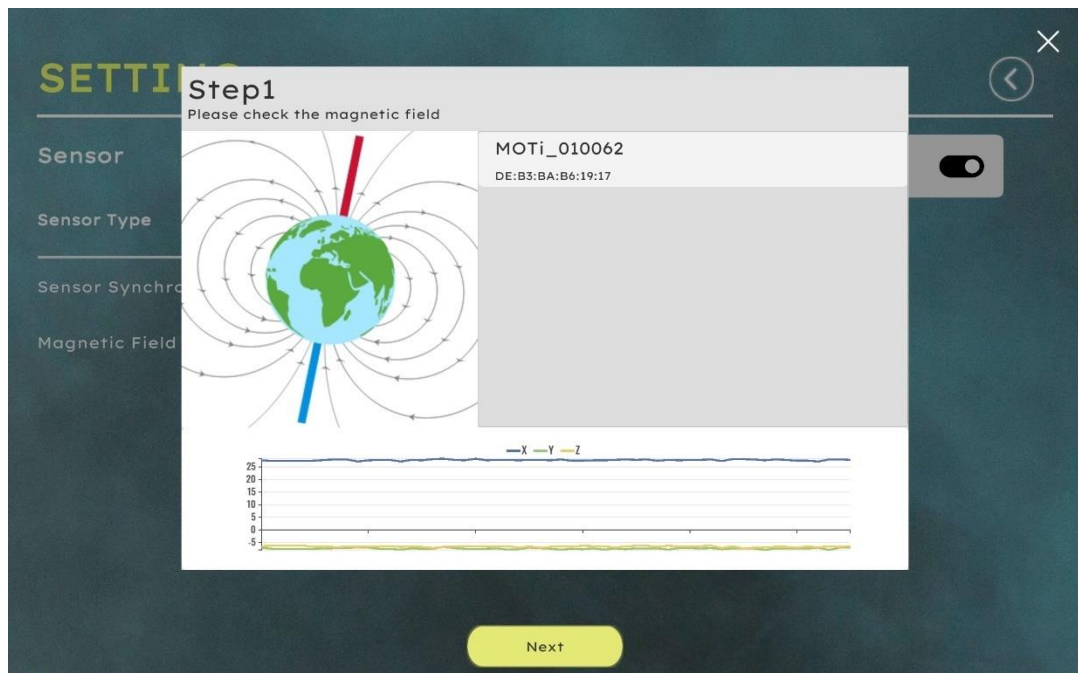


Figure 3.3.2 Magnetic Field Display

- **Step 3:** Calibrating one sensor at a time by moving it in a figure-eight motion until the status displays "Done." Repeat this process for each connected sensor. You can click on the sensor info area to display the real-time Euler angles once it's done. After completing calibration for all sensors, click Done to finish.

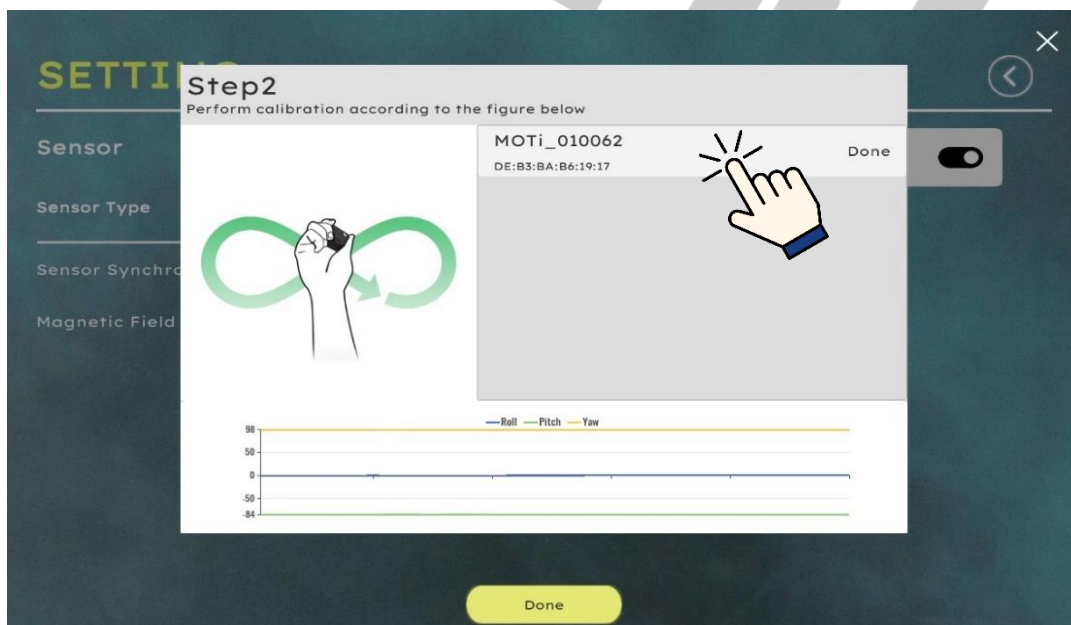


Figure 3.3.3 Euler Angle View

3.4 Sensor Placement Instructions



Figure 3.4.1 Marker Set position

Note: Regardless of where the sensor is placed on the body, the following placement principles must always be followed:

The blue axis must always face forward (toward the front of the body), except for the pelvis sensor.

The red axis must always face downward (toward the ground) when in a standing position.

When properly placed, the LED should be at the top right corner, and the logo should be in a horizontal orientation (except Type1: ALDA).

3.5 Open Camera

Switch to the **Device** page and click **Camera** to select the desired camera.

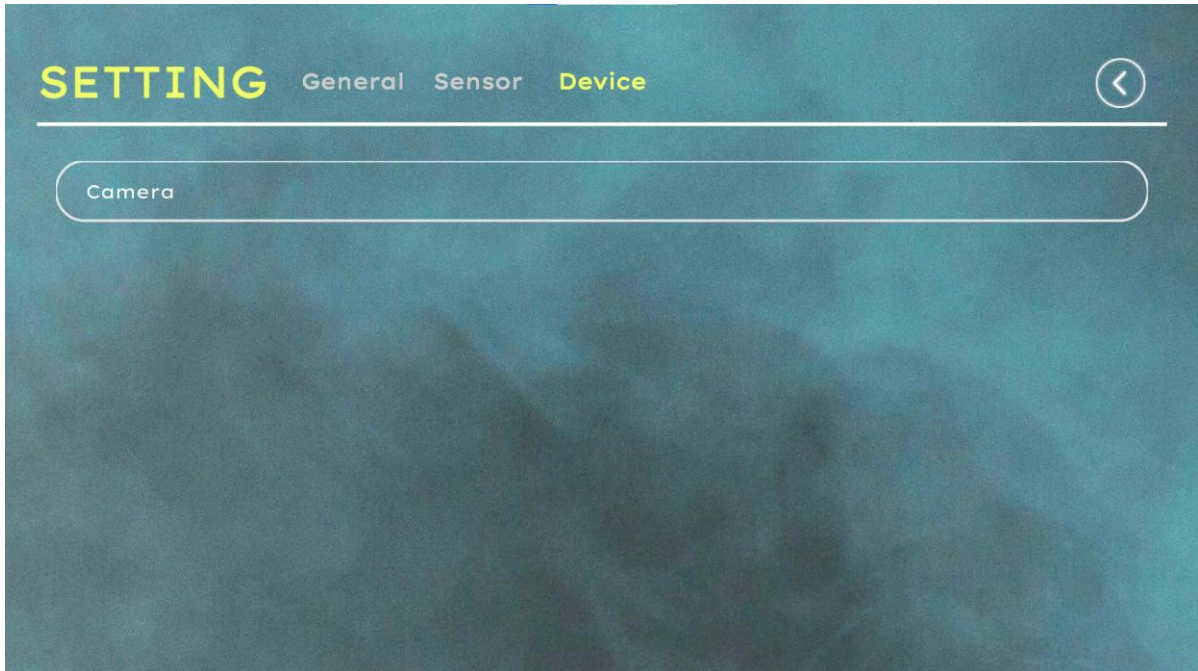


Figure 3.5.1 Device Page

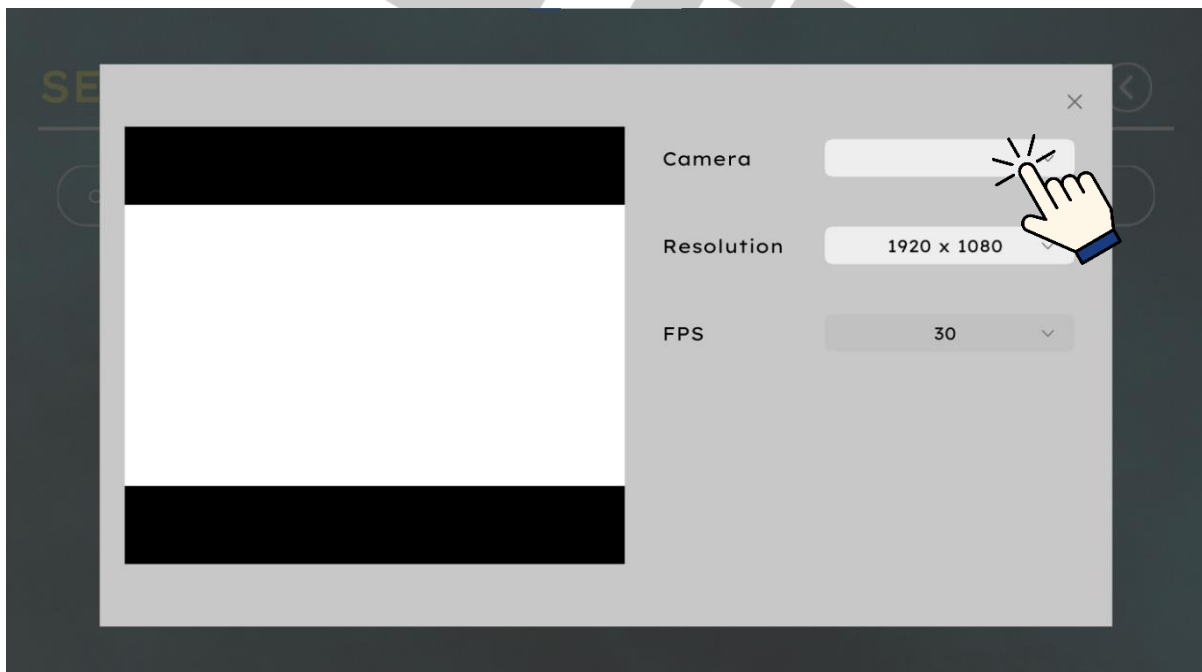


Figure 3.5.2 select camera

3.6 Pose Estimation in Bike Fitting Mode

Switch back to the **General** and turn on **Pose Estimation**.

This function uses the video feed to assist with pose estimation in **Bike Fitting** mode.

⚠ Please note: This feature may consume more system resources and may slow down performance.

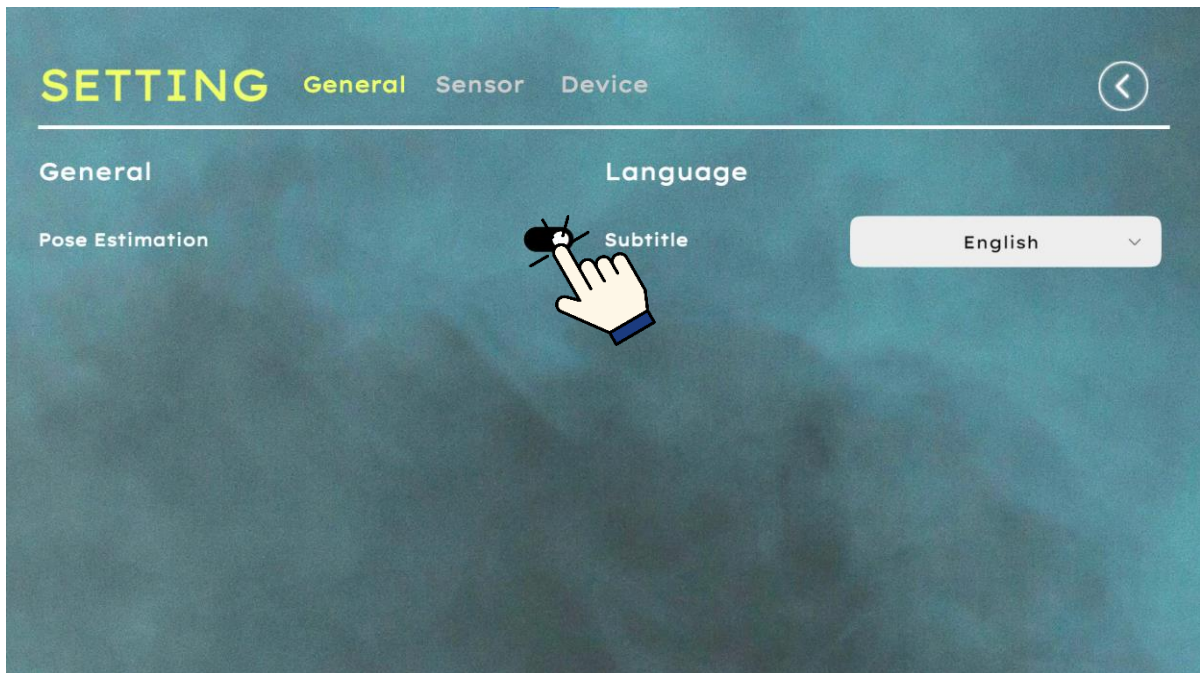


Figure 3.6.1 Open Pose Estimation

3.7 Stability Mode

- **Step 1:** Click “Measurement”

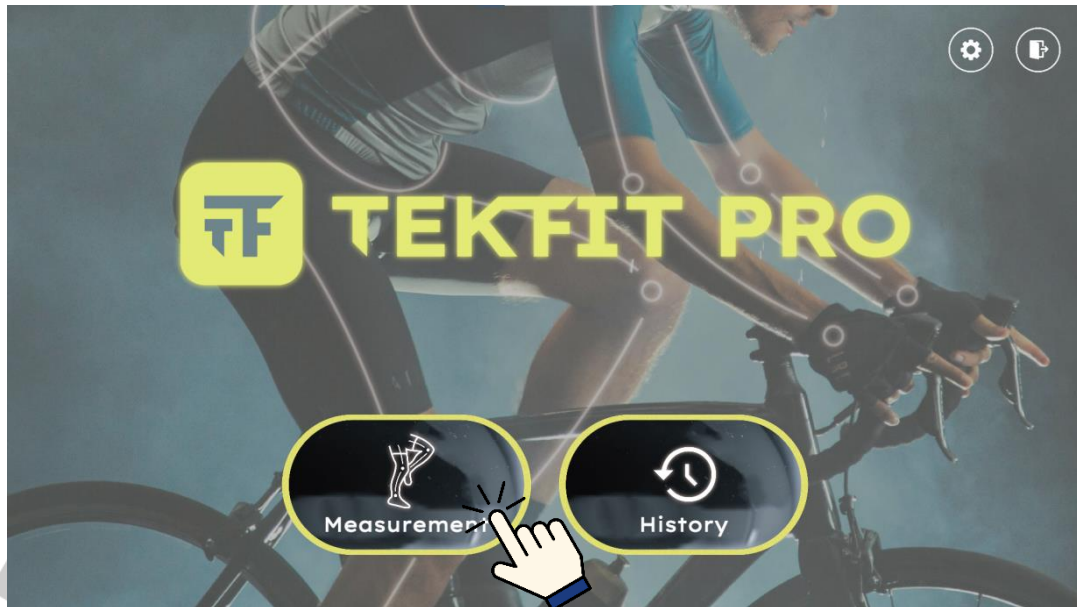


Figure 3.7.1 Main Page

- **Step 2:** Enter the subject’s phone number to log in, or click “Sign Up” for subjects who don’t have an account. You can also click **Login As Guest** to avoid linking the data to a personal account. (Note: This method will result in the data not being associated with any subject.)

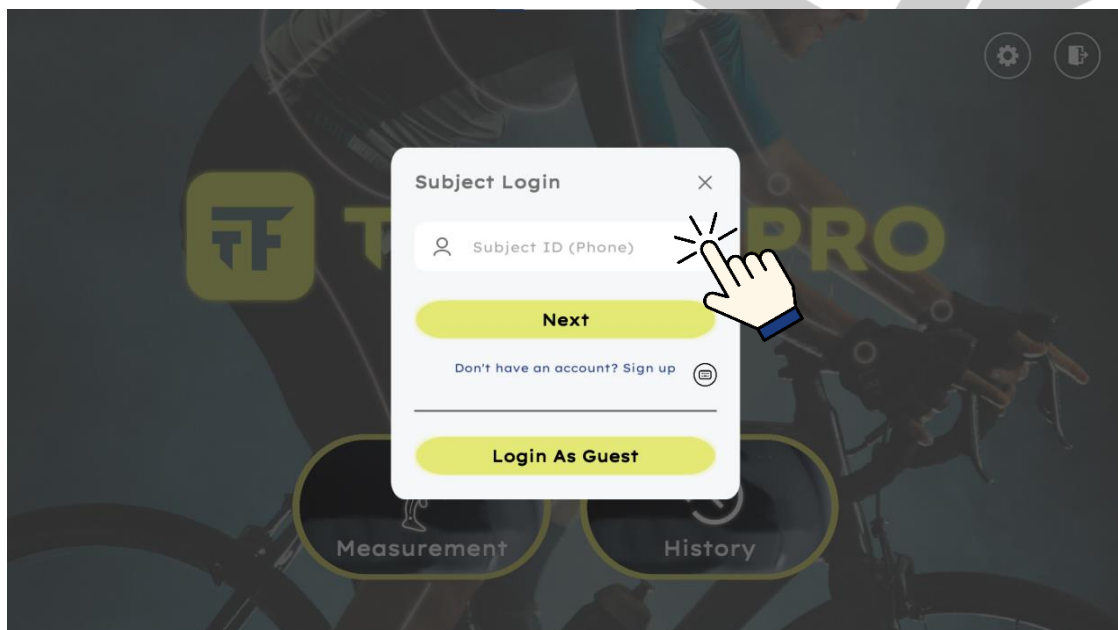


Figure 3.7.3 Enter the subject’s phone number

If you are a first-time subject, please click “Sign Up” to create a new account. This account will be used to store your motion analysis data, and your personal information will not be disclosed.

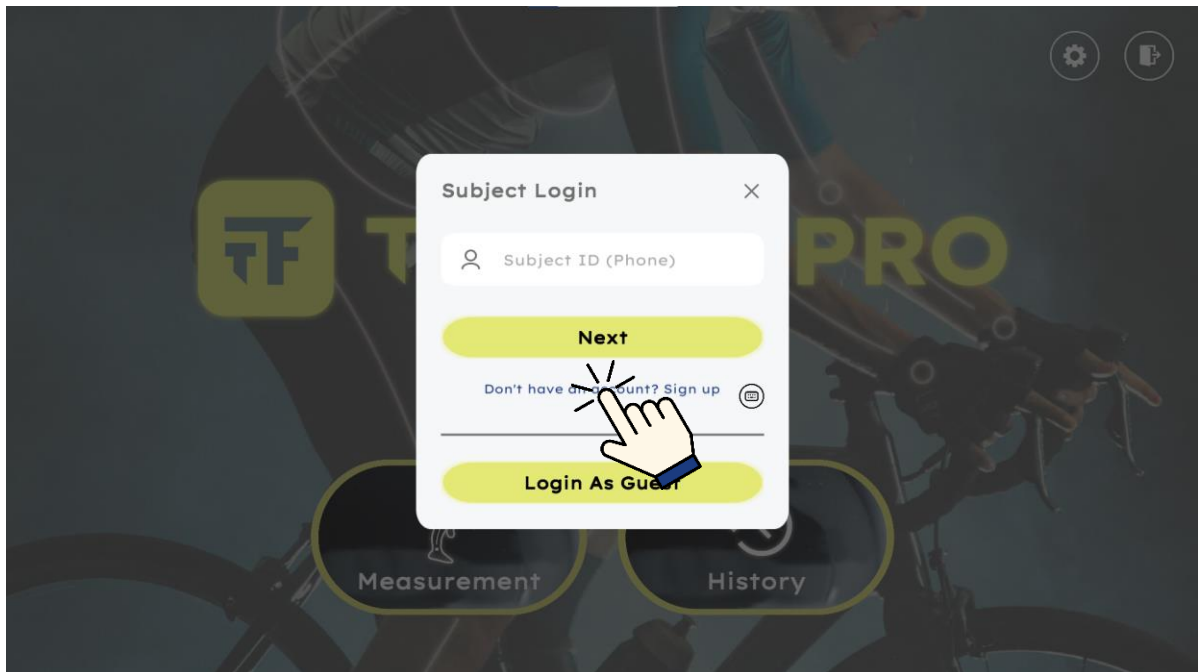
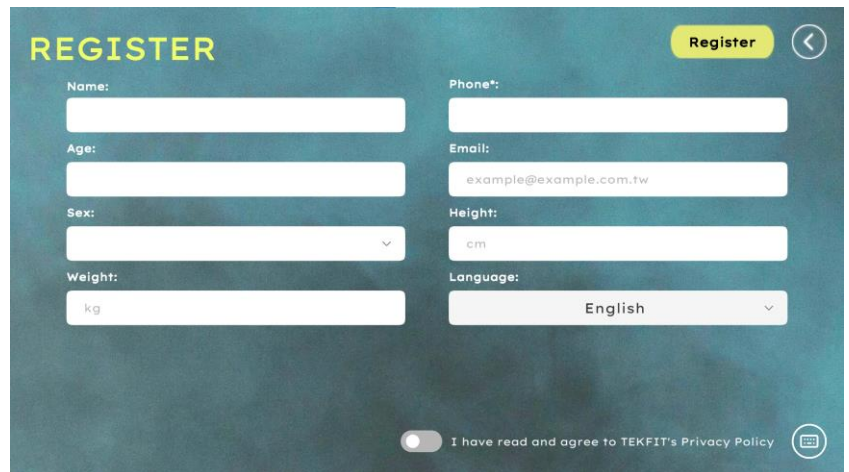


Figure 3.7.3 Sign up subject information

Registration Page

- **Name:**
Please enter your name.
- **Age:**
Please enter your age.
- **Sex:**
Please select your sex.
- **Weight:**
Please enter your weight.



The screenshot shows a registration form titled "REGISTER" in yellow. It has a "Register" button in the top right corner. The form contains the following fields:

- Name:** A text input field.
- Age:** A text input field.
- Sex:** A dropdown menu with a downward arrow.
- Weight:** A text input field with "kg" selected.
- Phone*:** A text input field.
- Email:** A text input field with "example@example.com.tw" entered.
- Height:** A text input field with "cm" selected.
- Language:** A dropdown menu with "English" selected.

At the bottom right, there is a checkbox labeled "I have read and agree to TEKFIT's Privacy Policy" and a small icon.

Figure 3.7.4 Register Page

- **Phone***
Please enter up to 15 digits for your phone number. This number will serve as your member account to log into the software.
- **Email:**
Please enter your email address to receive report via email.
- **Height:**
Please enter your height.
- **Language:**
Please select your preferred language. This will determine the language version of the report you receive.
- **Notes:**
 1. Fields marked with * are mandatory.
 2. You must fill in the EMAIL field to receive report via email

- **Step 3:** Click “Stability”.



Figure 3.7.5 Measurement Mode

- **Step 4:** Shake your sensors to identify them, you can also click  to open the sensor panel to connect sensors and drag the sensor icon on the list to the body part where you want to place. Place the shank sensor below the tibial tuberosity, roughly where four fingers cover the patella with the pinky below, and the front face of the sensor is oriented toward the center of the second and third metatarsal (Figure3.7.8 a-b). Place the pelvic sensor at the center point between the two posterior superior iliac spines (PSIS) (Figure3.7.9).

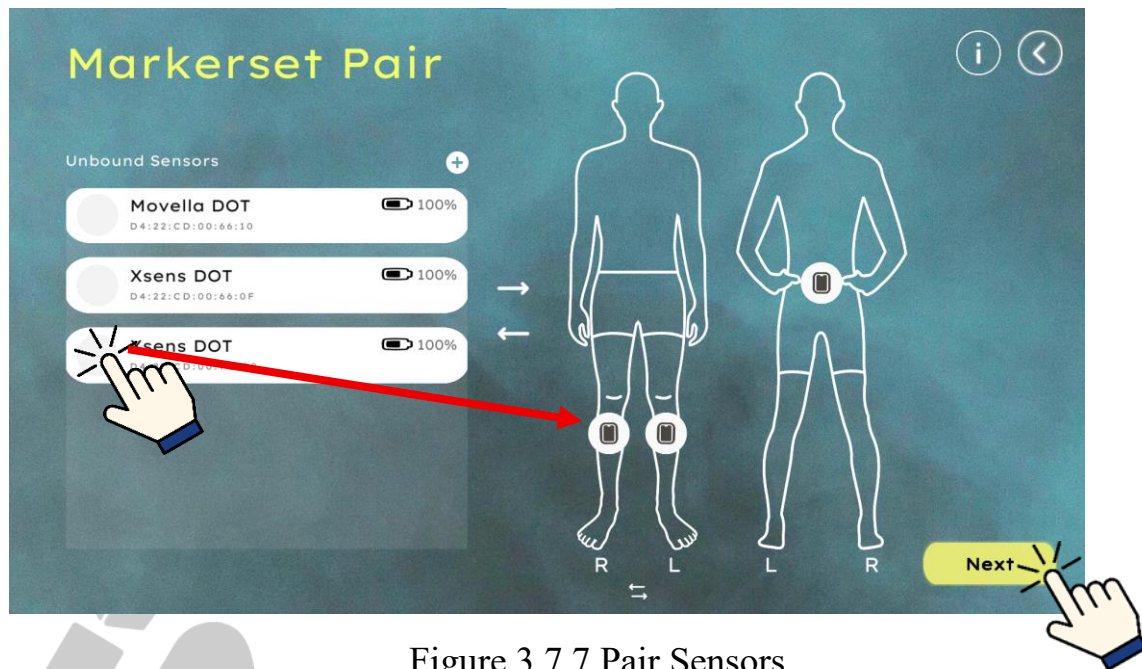


Figure 3.7.7 Pair Sensors

Shank Sensor Placement:

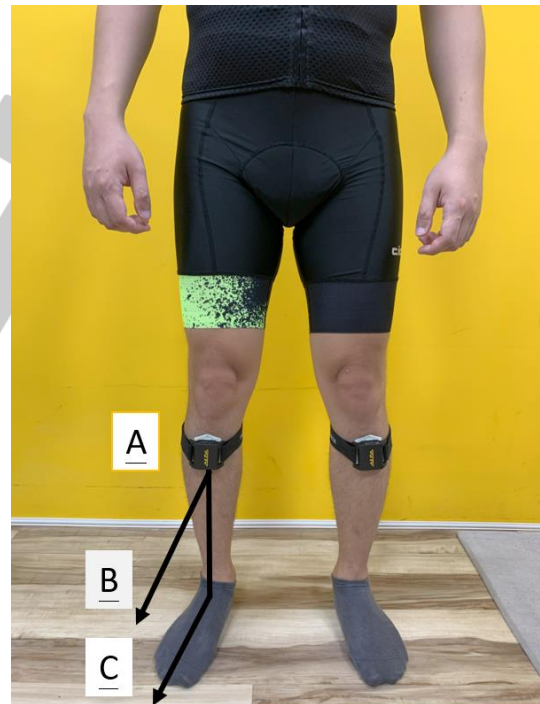
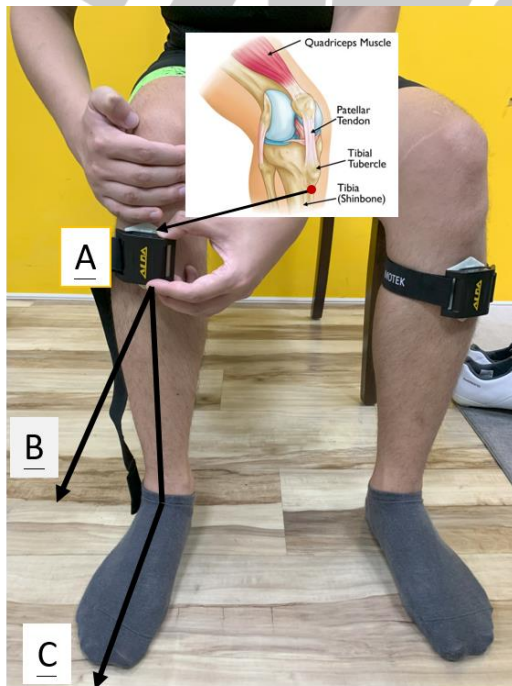


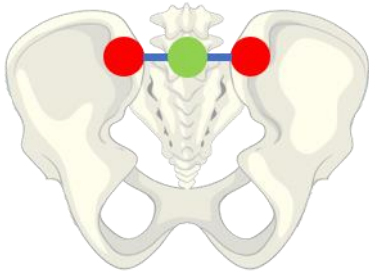
Figure 3.7.8 Shank Sensor Placement(a)

Figure 3.7.8 Shank Sensor Placement(b):

NOTE:

- Place the sensor on the tibia, approximately below the patella and the tibial tubercle, with the charging port facing downward (toward the ground).
- The sensor's flat surface should face forward, aligned with the direction of arrow C.
- The arrow direction should match the direction of the toes, pointing from the ankle towards the space between the second and third toes.

Pelvic Sensor Placement:



●: Sensor location

●: posterior superior iliac spine (PSIS)

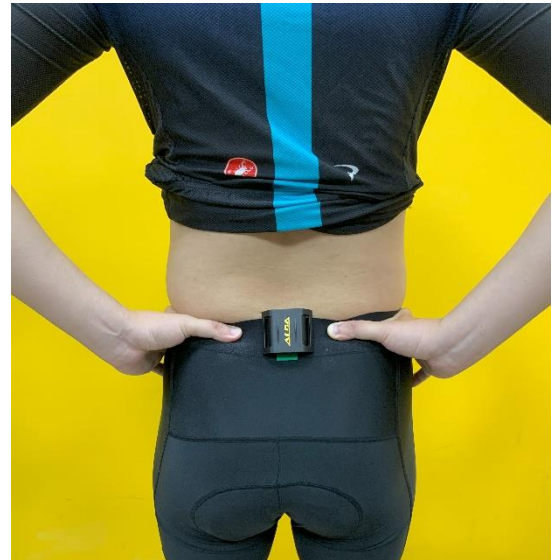


Figure 3.7.9 Pelvic Sensor Placement(a)

Figure 3.7.9 Pelvic Sensor Placement(b)

- **Step 6:** Please have subject stand naturally(**barefoot**), and click “Calibration”, calibration will start after the countdown.

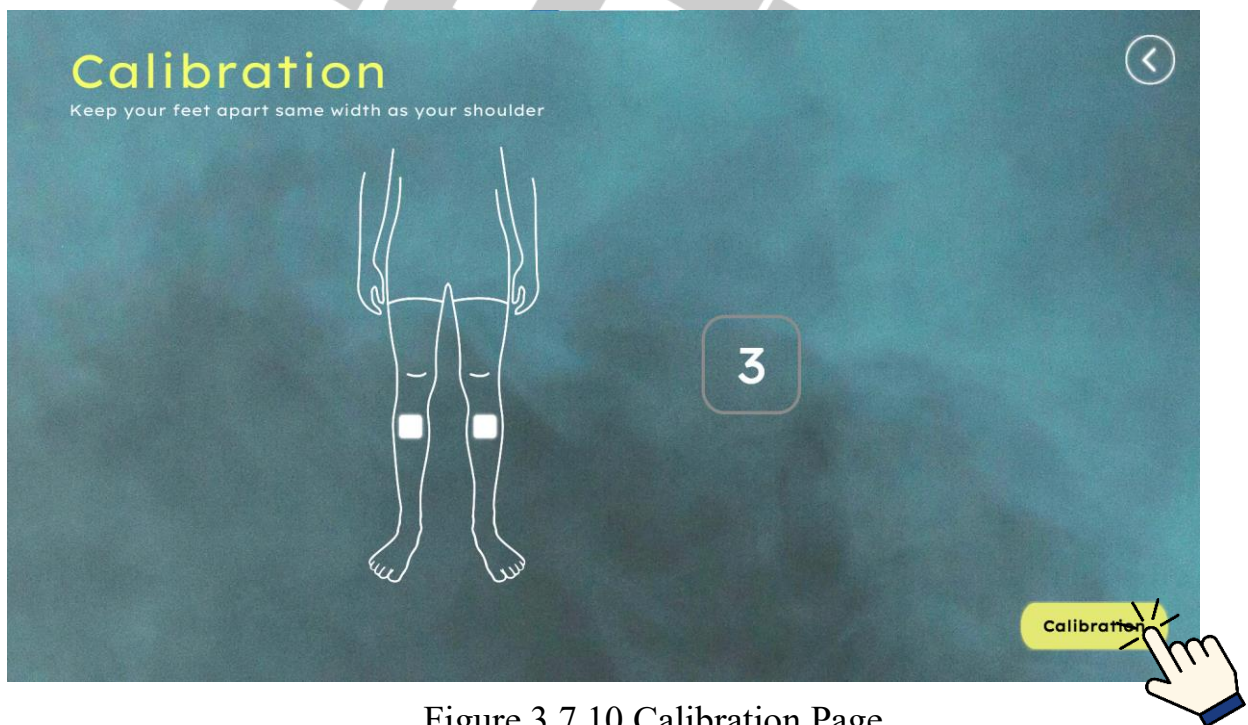


Figure 3.7.10 Calibration Page

Calibration Posture

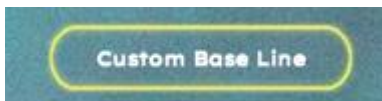
Stand naturally (barefoot), feet shoulder-width apart, and maintain a relaxed posture



Figure 3.7.11 Calibration Posture

Step 7: Press "Start Measurement" to begin (Figure 3.7.11). The subject should focus on cycling. The screen will display the pedal trajectory in real-time, and there is no time limit for the measurement duration. To finish the measurement, press the same button again.

Screen Label Explanation:

①		Display the result of every trial (Figure 3.7.11) in the current session.
②		You can enter a trial name before you start measuring (optional), allowing you to label the measurement.
③		The same button is used to start and end the measurement.
④		To end the session, return to the homepage.
⑤		Before the trial start, click the buttons to customize your own baseline (base on TDC and BDC angle) on the trajectory charts(optional), Position the rider's left foot to TDC, and click the button on the left, then position the rider's right foot to TDC and click the button on the right. Once both side are completed, the customized baseline will be displayed on the trajectory charts.
⑥		If the camera is turned on, a window will appear that can be expanded or minimized for video recording.

Value Descriptions

Angle

Display the real-time angle of outward and

inward.

Lateral Max	The maximum varus (outward) rotation angle.
Medial Max	The maximum valgus (inward) rotation angle.
Right Max	The maximum rightward rotation angle of the pelvis
Left Max	The maximum leftward rotation angle of the pelvis.

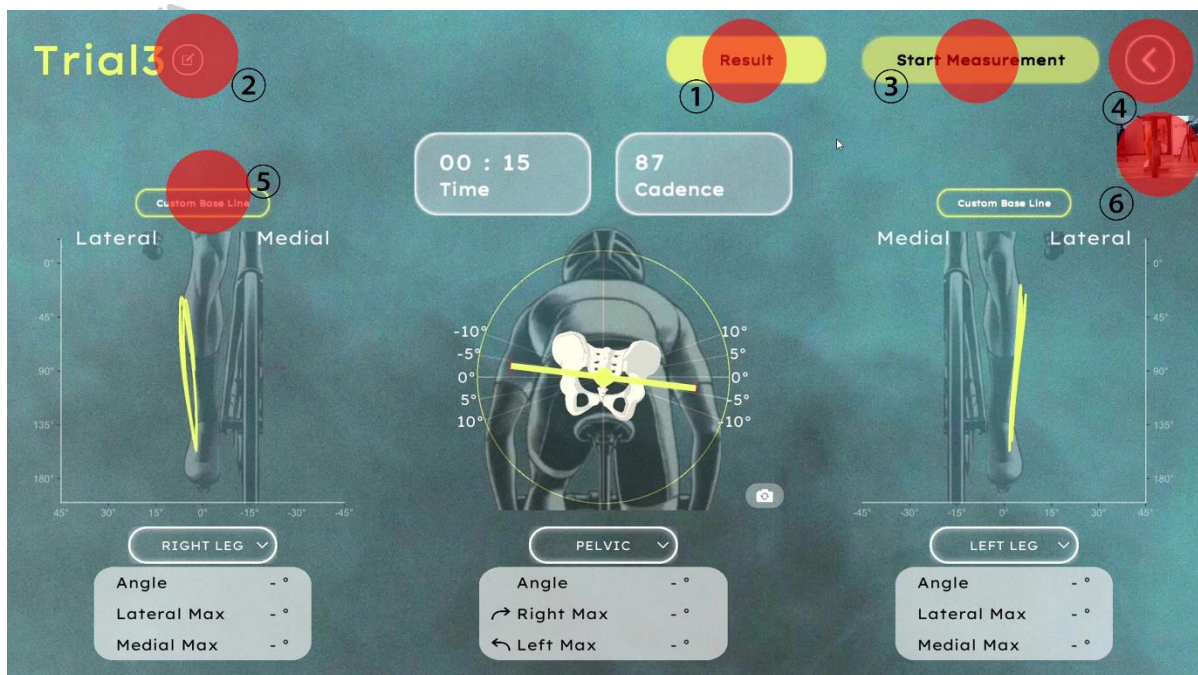


Figure 3.7.12 Real-time view

3.8 Bike Fitting Mode

- **Step 1:** Click “Measurement”.



Figure 3.8.1 Main Page

- **Step 2:** Enter the subject’s phone number to log in, or click “Sign Up” for subjects who don’t have an account. You can also click **Login As Guest** to avoid linking the data to a personal account.

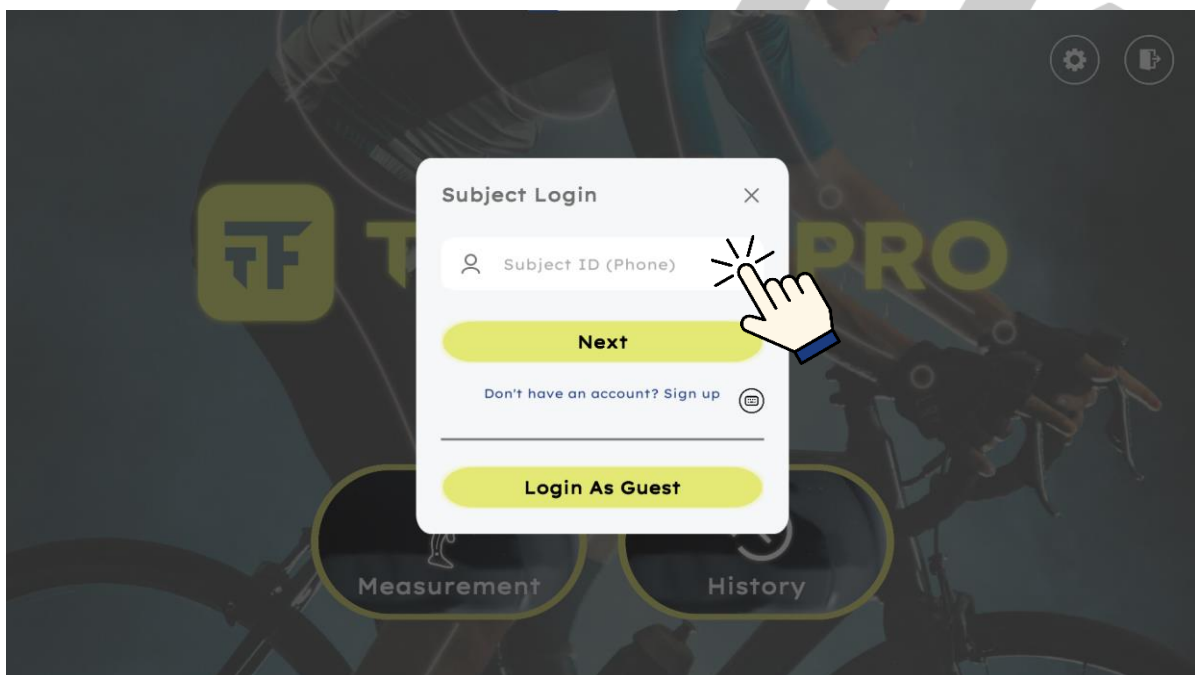


Figure 3.8.2 Enter the subject’s phone number

If you are a first-time subject, please click “Sign Up” to create a new account. This account will be used to store your motion analysis data, and your personal information will not be disclosed.

- **Step 3:** Click “**Bike Fitting**”.

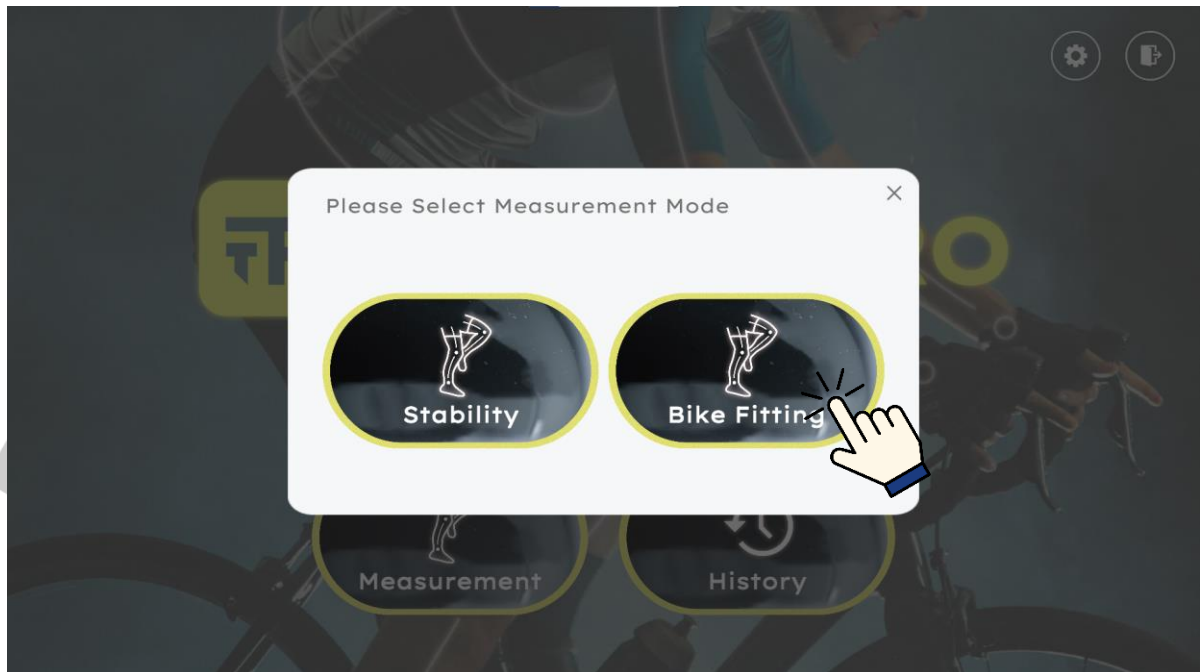
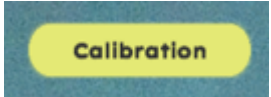


Figure 3.8.3 Enter the Bike Fitting Mode

Step 4: Shake your sensors to identify them, you can also click  to open the sensor panel to connect sensors. and drag the sensor icon on the list to the body part where you want to place. This mode currently supports single-side measurement.

Before Click “NEXT”, place the sensor on a level surface and ensure it is at least 30

cm away from any metal or electronic devices. Click  to perform the zeroing process.

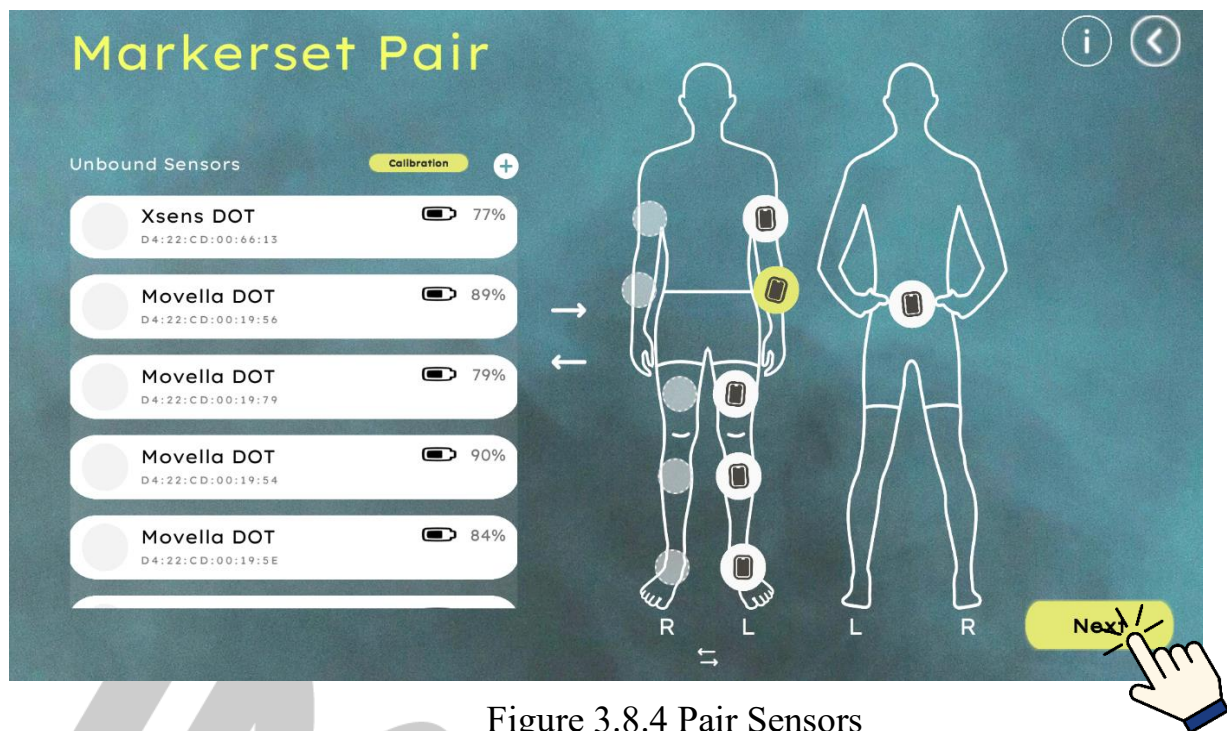
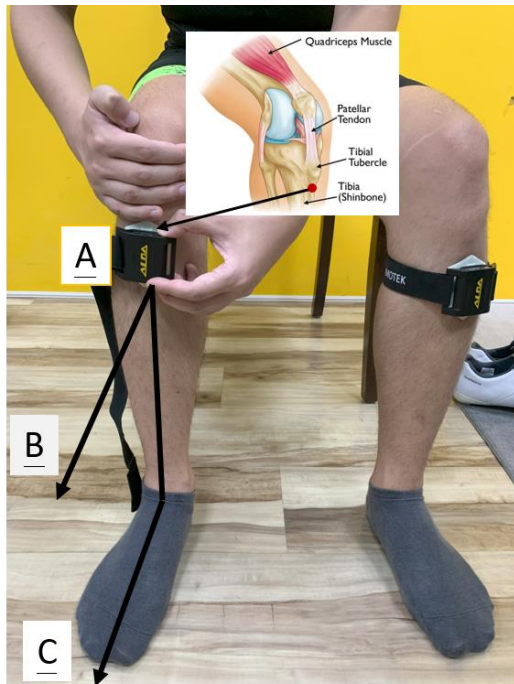


Figure 3.8.4 Pair Sensors

Low limb Sensor Placement:

- The placement of the shank (tibia) and pelvis sensors is the same as in Stability. (Figure3.8.5 a-c) (Figure3.8.6).
- Thigh sensor: The LED indicator points toward the Greater Trochanter.
Requirement: Align the sensor along the line connecting the center of the knee joint and the Greater Trochanter.
- Foot sensor: The LED indicator should point toward the heel. Requirement: Keep the sensor as level as possible with the plane formed by the heel and toes.
-



NOTE:

- Place the sensor on the tibia, approximately below the patella and the tibial tubercle, with the charging port facing downward (toward the ground).
- The sensor's flat surface should face forward, aligned with the direction of arrow C.
- The arrow direction should match the direction of the toes, pointing from the ankle towards the space between the second and third toes.

Figure 3.8.5 Shank Sensor Placement(a)

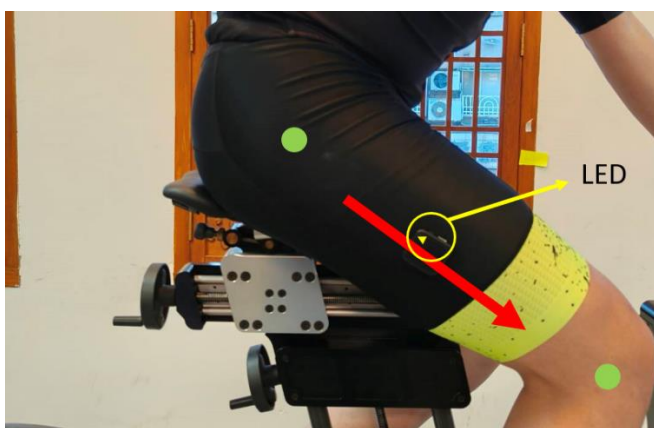


Figure 3.8.5 Thigh Sensor Placement(b)

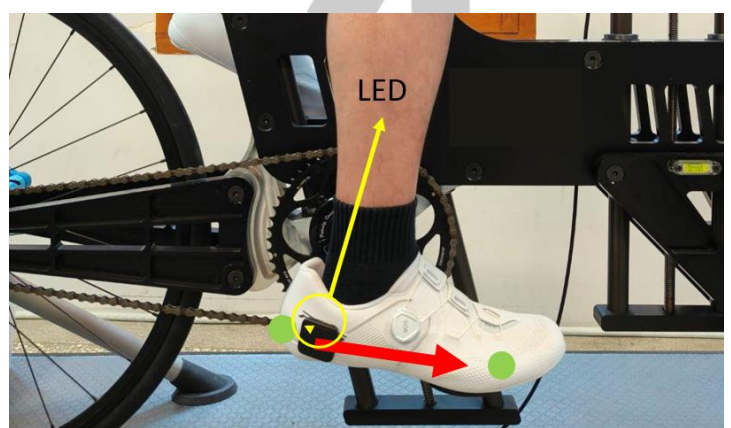
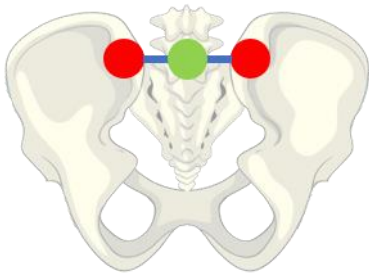


Figure 3.8.5 Foot Sensor Placement(c)

Pelvic Sensor Placement:



●: Sensor location

●: posterior superior iliac spine(PSIS)



Figure 3.8.6 Pelvic Sensor Placement(a)

Figure 3.8.6 Pelvic Sensor Placement(b)

Upper Back Sensor Placement:

- Place the sensor between the shoulder blades at the level of the T3 to T5 thoracic vertebrae. Requirement: The "Moxi" logo must face the rear (Posteriorly).

Arm Sensor Placement:

- For the forearm and upper arm sensors, when on the bike and holding the handlebars. The LED indicator should point toward the Elbow and Shoulder joints respectively. Requirement: Align along the lines connecting the Wrist-to-Elbow and Elbow-to-Shoulder centers.

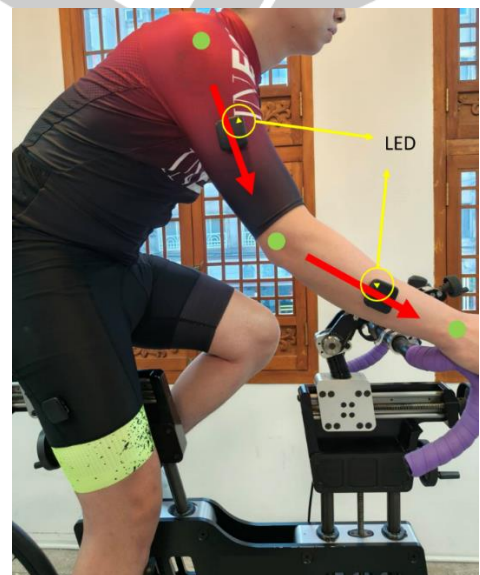
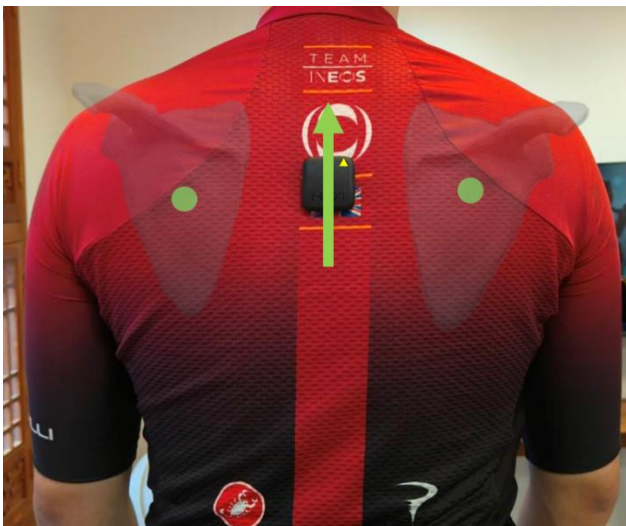


Figure 3.8.7 Upper Back Sensor Placement(a)

Figure 3.8.7 Arm Sensor Placement(b)

Step 6: Please have subject stand naturally, and calibration will start after the countdown.

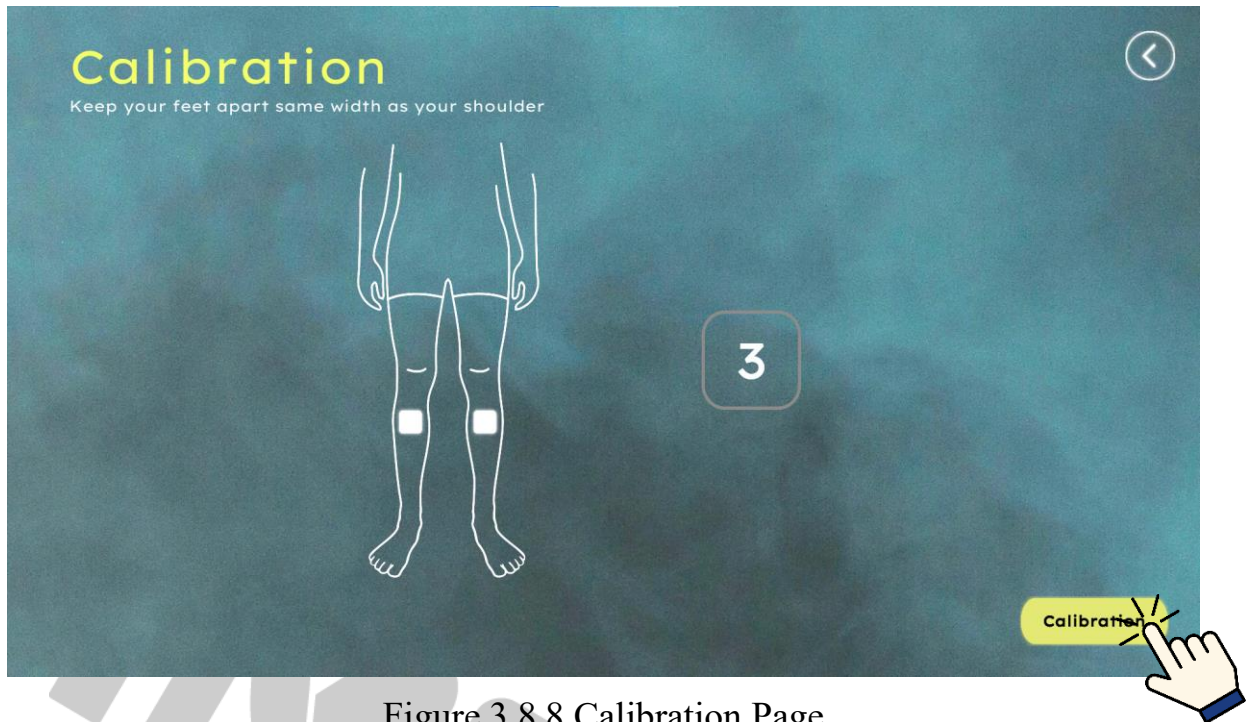


Figure 3.8.8 Calibration Page

Calibration Posture

Stand naturally with feet shoulder-width apart and maintain a relaxed posture; this is the same as Stability mode.

Step 7: Press "Start Measurement" to begin (Figure 3.8.10). The subject should focus on cycling. The screen will display the pedal trajectory in real-time, and there is no time limit for the measurement duration. To finish the measurement, press the same button again.

Screen Label Explanation:

①



Display the result of every trial (Figure 3.3.9) in the current session.

②



You can enter a trial name before you start measuring (optional), allowing you to label the measurement.

③



The same button is used to start and end the measurement.

④



To end the session, return to the homepage.

⑤

	Range	Current	Av
Elbow Angle	155 ~ 170	140°	130
Shoulder Angle	75 ~ 100	69°	73
Torso Angle	40 ~ 50	57°	58
Hip Angle Max	90 ~ 105	122°	120
Hip Angle Min	> 45	76°	77
Knee Angle Max	140 ~ 145	119°	12
Knee Angle Min	> 65	88°	85
Ankle Angle Max	90 ~ 100	114°	11
Ankle Angle Min	65 ~ 75	47°	48
Ankle Angle Range	< 30	67°	63

Before the trial start, click the buttons to customize your own baseline (base on TDC and BDC angle) on the trajectory charts (optional). Position the rider's left foot to TDC, and click the button on the left, then position the rider's right foot to TDC and click the button on the right. Once both side are completed, the customized baseline will be displayed on the trajectory charts.

⑥



If the camera is turned on, a window will appear that can be expanded or minimized for video recording.

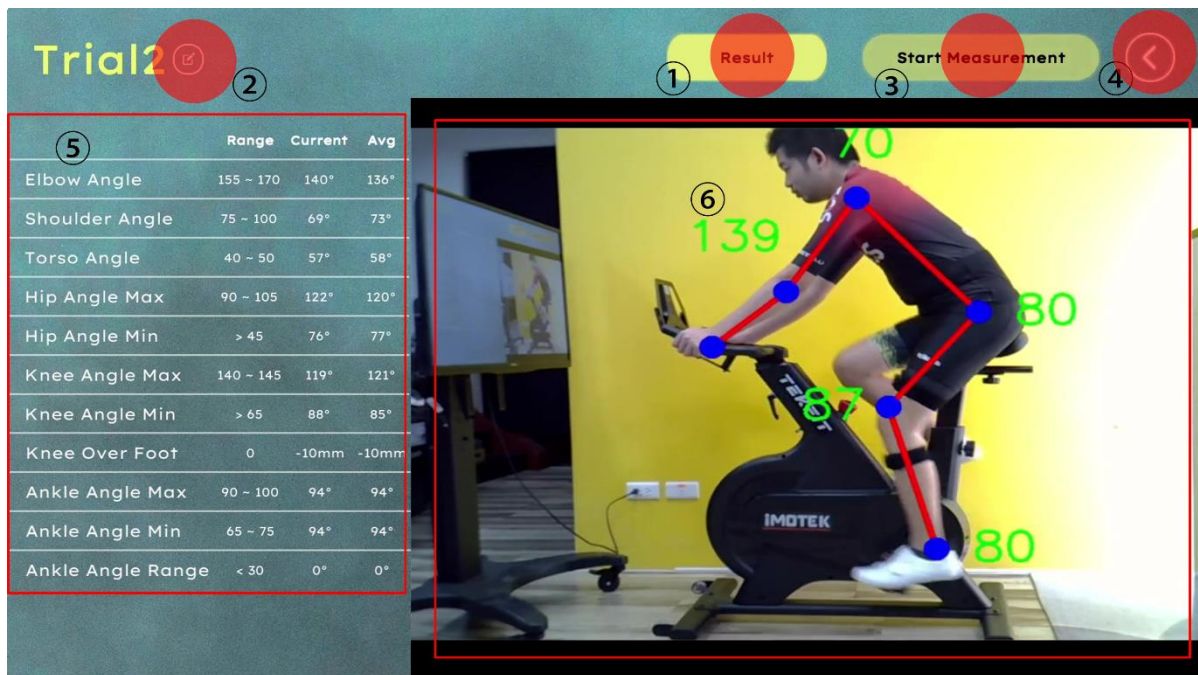


Figure 3.8.10 Real-time view -Bike Fit mode

Joint Angles Value Descriptions

1. Elbow Angle	angle between upper arm and forearm angle
2. Shoulder Angle	angle between the upper arm and pelvis
3. Torso Pelvic Curve	The angle between upper back and the pelvis
Torso Angle	relative to horizontal
4. Hip Angle Max	Maximum pelvis angle – angle between pelvis and thigh
Hip Angle Min	Minimum pelvis angle
5. Knee Angle Max	Maximum knee angle – angle between thigh and shank
Knee Angle Min	Minimum knee angle
6. Ankle Angle Max	Maximum ankle angle – angle between shank and foot dorsum
Ankle Angle Min	Minimum ankle angle
Ankle Angle Range	Ankle range of motion



Figure 3.8.11 Full-Body Joint Angle Definitions

3.9 History

- **Step 1:** Click “History” to view all past measurement data. You can review detailed results from each session, compare and analyze them, and track your progress over time. These historical records will provide valuable insights for making further adjustments.

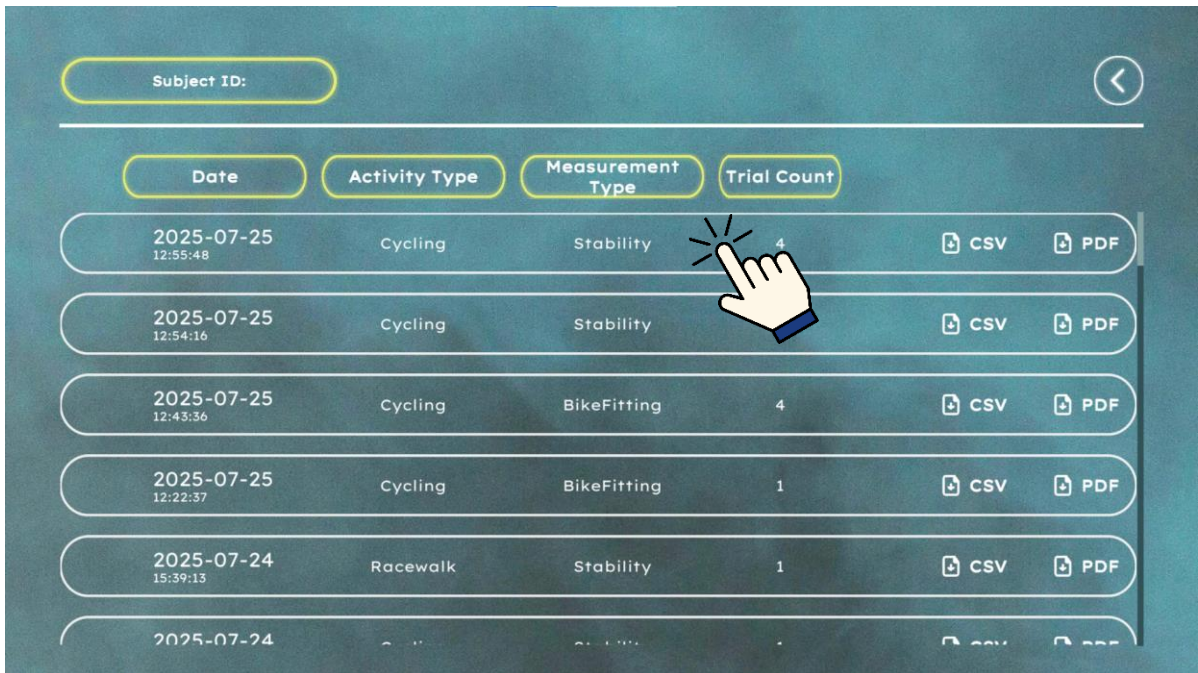


- **Step 2:** Enter the subject’s phone number and click "Next" to log in. If not registered, please complete the registration first.

Subject List

Last Session	Subject ID	Name	Session Count
2025-07-24		Guest	51
2025-07-21	0928078201	郭凡誌	42
2025-07-18	0928663720	林彥廷	129
2025-07-15	0987654321	Test	241
2025-06-28	01783386492	Anja	1
2025-06-27	001783386492	Chen Chih-ming	17

- **Step 3:** All session records will be displayed in the list. Select the session you wish to view. You can click on any session to review detailed results and analysis data.



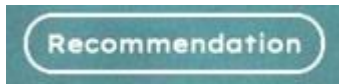
Date	Activity Type	Measurement Type	Trial Count	CSV	PDF
2025-07-25 12:55:48	Cycling	Stability	4	CSV	PDF
2025-07-25 12:54:16	Cycling	Stability		CSV	PDF
2025-07-25 12:43:36	Cycling	BikeFitting	4	CSV	PDF
2025-07-25 12:22:37	Cycling	BikeFitting	1	CSV	PDF
2025-07-24 15:39:13	Racewalk	Stability	1	CSV	PDF
2025-07-24				CSV	PDF

Figure 3.9.1 Measurement History

3.10 Result Page

3.10.1 In the **Stability mode**, on the analysis results page, you will see detailed measurements for several key parameters. Below is an explanation of each:

①



Suggested modifications in TEKFIT PRO can also be adjusted according to the fitter's experience and judgment.

②



Trial parameters are divided into four sections:

A. Trial: Includes Trial, Trial Name, and Time.

B. Pelvic: Includes Average, Right Max, and Left Max.

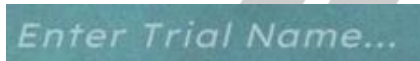
C. Leg (Right, Left): Includes Stability, Average, Lateral Max, and Medial Max.

D. Power Balance: Power balance.

Detailed explanations can be found in Chapter 4,

"Result Page Data Description."

③



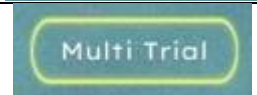
You can add a **trial note** in the designated input field

④



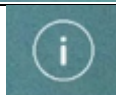
Click to open the **knee joint trajectory** window

⑤



Click to **toggle multiple trial comparison** window

⑥



Parameter Overview

⑦



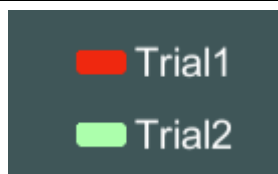
If the camera is turned on, a window will appear that can be expanded or minimized for video recording.

⑧



Click to return to the previous screen display.

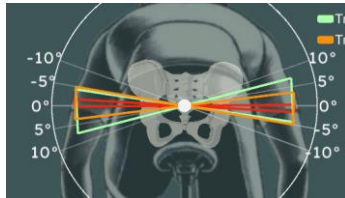
⑨



Different trials are marked with different colors.

Click once to toggle the display on or off.

⑩



The trajectory display shows the range of pelvic movement, with the pelvic bone rotating according to the extent of the movement.

Value Descriptions

Stability	Ability to maintain consistency in performance
Average	The average sway angle
Lateral Max	The maximum varus (outward) rotation angle.
Medial Max	The maximum valgus (inward) rotation angle.
Right Max	The maximum rightward rotation angle of the pelvis
Left Max	The maximum leftward rotation angle of the pelvis.
Power Balance	Ratio of power output between left and right

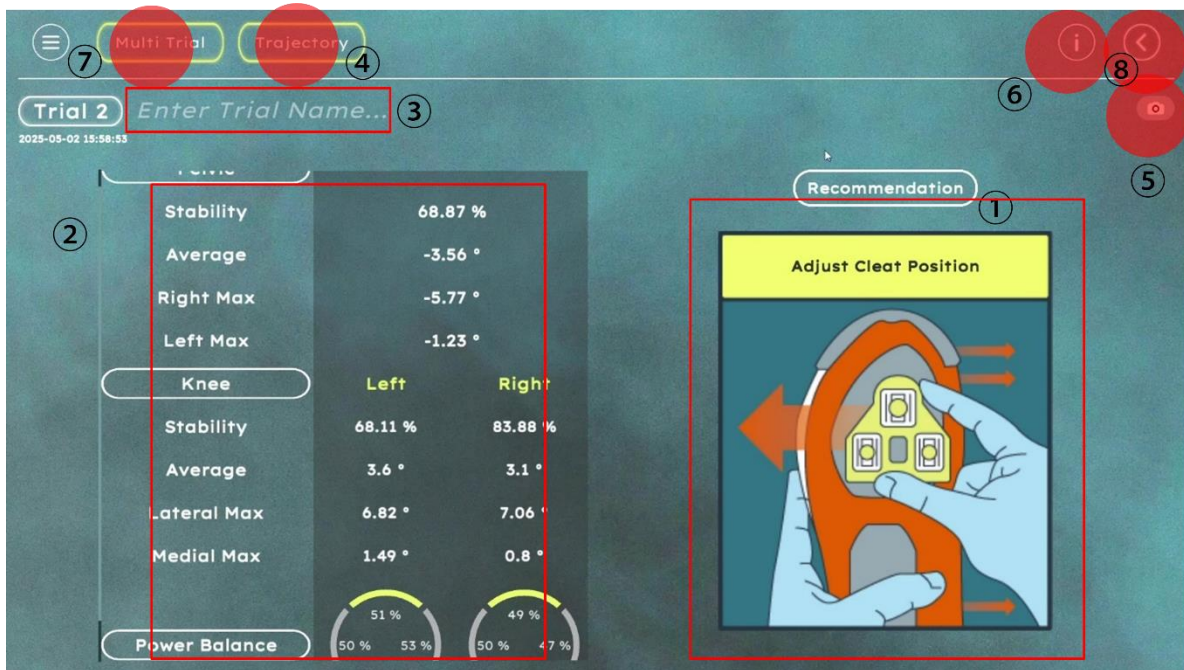


Figure 3.10.1 Display the result of every trial



Figure 3.10.2 Each trial will display lower limb and pelvis trajectories and motion sway.

3.10.2 In **Bike Fitting mode**, the **results screen** (Figure 3.4.13) displays both **single-trial** and **multi-trial cycling angles and performance metrics**.

If the camera is enabled, you will also see **motion trajectories** and **video playback**.



Figure 3.10.3 Display the result of every trial



Figure 3.10.4 Select the trials you want to compare.

Range	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
Trial Name					
Time	2025-07-30 17:47:03	2025-07-30 17:48:57	2025-07-30 17:50:04	2025-07-30 17:56:21	2025-07-30 17:58:00
Elbow Angle					
Average Angle 155 ~ 170	162°	161°	158°	165°	166°
Shoulder Angle					
Average Angle 75 ~ 100	67°	68°	72°	68°	67°
Torso Angle					
Average Angle 40 ~ 50	67°	66°	61°	61°	63°
Pelvic					
Stability	68.53 %	64.02 %	- %	63.55 %	- %
Average	2°	2.65°	-°	1.67°	-°

Figure 3.10.5 Multiple data sets will be shown for direct comparison

4 Result Page Data Description

4.1 Data Table Stability Mode

Pelvic

Average: The average sway angle of pelvic rotation, indicating the average movement of the pelvis from side to side during the measurement. This helps assess pelvic stability and symmetry during cycling or other activities.

Left Max: The maximum angle of left pelvic rotation, representing the furthest extent the pelvis rotates to the left. This data is useful for evaluating the range of motion on the left side of the pelvis.

Right Max: The maximum angle of right pelvic rotation, showing the furthest extent the pelvis rotates to the right. This data helps assess the range of motion on the right side of the pelvis.

(0°: Represents the pelvic angle in your natural standing posture; a positive value indicates leftward rotation, and a negative value indicates rightward rotation.)

Leg

Stability: This parameter reflects the ability to maintain consistency during the test or exercise. Higher stability indicates stronger movement consistency, which helps reduce the risk of injury and improve overall performance.

Average: The average sway angle of leg rotation, showing the average lateral and medial movement of the leg during the activity or measurement. This helps analyze the symmetry and coordination of leg movement.

Lateral Max: The maximum angle of left leg rotation, indicating the furthest outward (lateral) rotation of the left leg. This value helps assess the range of motion in the left leg.

Medial Max: The maximum angle of right leg rotation, indicating the furthest inward (medial)

rotation of the right leg. This value helps assess the range of motion in the right leg.
(0°: Represents the leg angle in your natural standing posture; a positive (+) value indicates outward rotation, and a negative (-) value indicates inward rotation.)

Power Balance:

This parameter represents the ratio of power output between the left and right feet, helping analyze whether both feet are exerting force evenly during cycling or other activities. A higher balance indicates better coordination between both legs, leading to improved overall performance



①Phase1-Top: 315 °~ 45 °

②Phase2-Power: 45 °~ 135 °

③Phase3-Button: 135 °~ 225 °

④Phase4-Recovery: 225 °~ 315 °

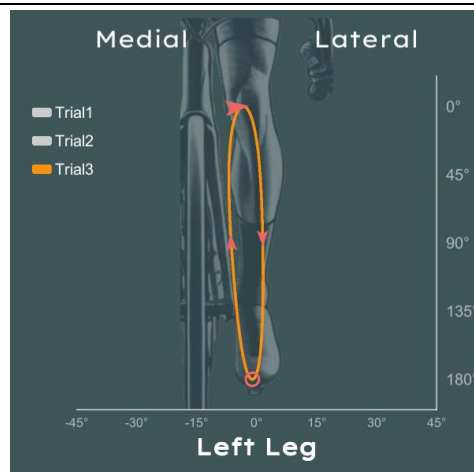
4.2 Trajectory Chart Data Table



Mark the **Top Dead Center** position, with the arrow indicating the direction of the pedaling motion.



Bottom Dead Center (BDC)



5 Troubleshooting

5.1 Software unable to update (windows platform).

Method 1. Delete folder

“C:\Users\xxx\AppData\Local\SimplePatchToolDls\TEKFITPro”

and start update again.

Method 2. Uninstall software, and reinstall again.

5.2 Unable to login to the software in windows

Please change another Pc to install Software

5.3 Unable to select sensor sensors

Check if the device's Bluetooth is turned on.

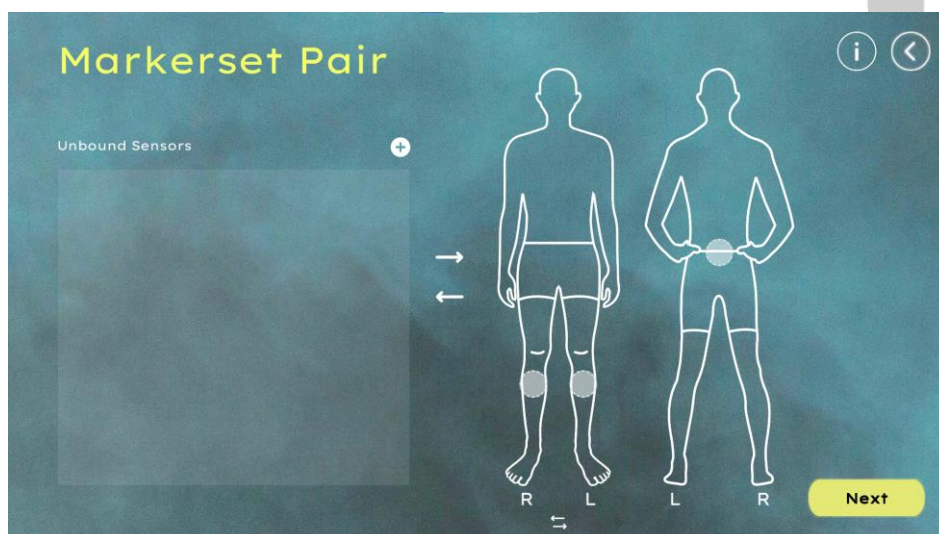
Type1 sensor: only support windows platform

Type2 sensor: support both windows and android platform.

Type3 sensor: only support android platform.

5.4 Sensor has no response in setup page

Please ensure that the sensors has battery power remaining.



Method 1: Disconnect the sensors and connect again in the settings.

Method 2: Disconnect the sensors and restart them by pressing the power button on the sensors.

Method 3: Close the software (re-plug the receiver if you are using Type 1 sensor), and restart it.

Method 4: Restart PC.

5.5 Data Update Error Checklist:

- 1: Ensure your internet connection is stable.
- 2: Make sure the **sensor marker set** is correctly configured.
- 3: Check if the **sensor battery** is sufficient
- 4: Ensure the sensor is within **5 meters** of the device.
- 5: Verify you are performing the correct **movement for the selected scenario**

Possible Solutions:

- Method 1: Recalibrate the sensor (for Type 3 sensors).
- Method 2: Reconnect the sensor and try again.

If none of the above methods work, please contact **iMOTek** for assistance °

5.6 Sensor unable to start record (type 2)

Method 1. If memory is less than 10%, clear sensor memory in the setting page.

Method 2. Restart the sensor by pressing the power button.

Method 3. Restart the software.

5.7 In real-time mode, there is no trajectory in the chart.

Method 1: The sensor is not setup correctly, please check the Marker Set.

Method 2: Sensor data appears to be abnormal. Please return to the home screen and check the sensor pairing page to ensure a successful connection.