



Infinite Motion x Innovation

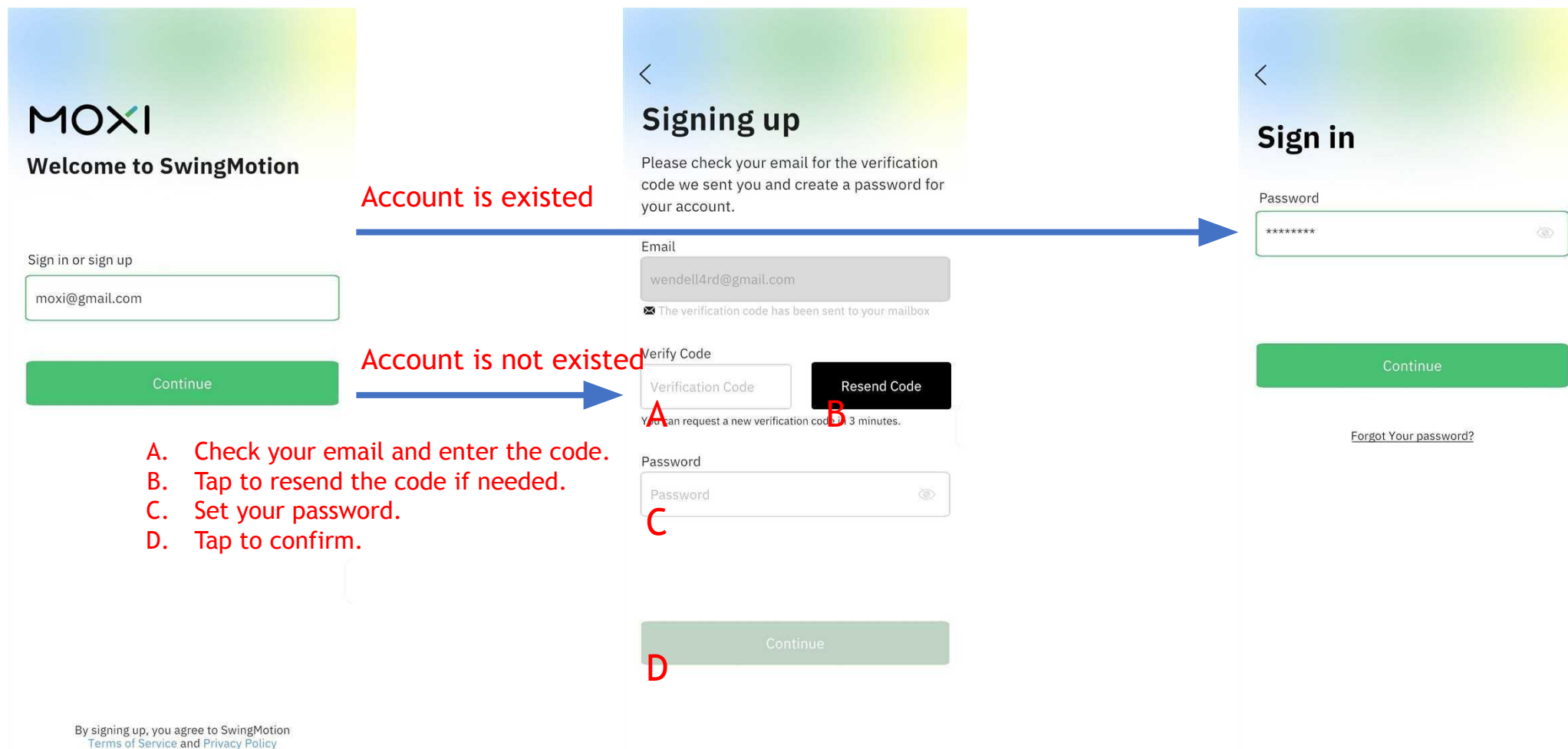
# MOXI SwingMotion User Manual

for APP v1.5

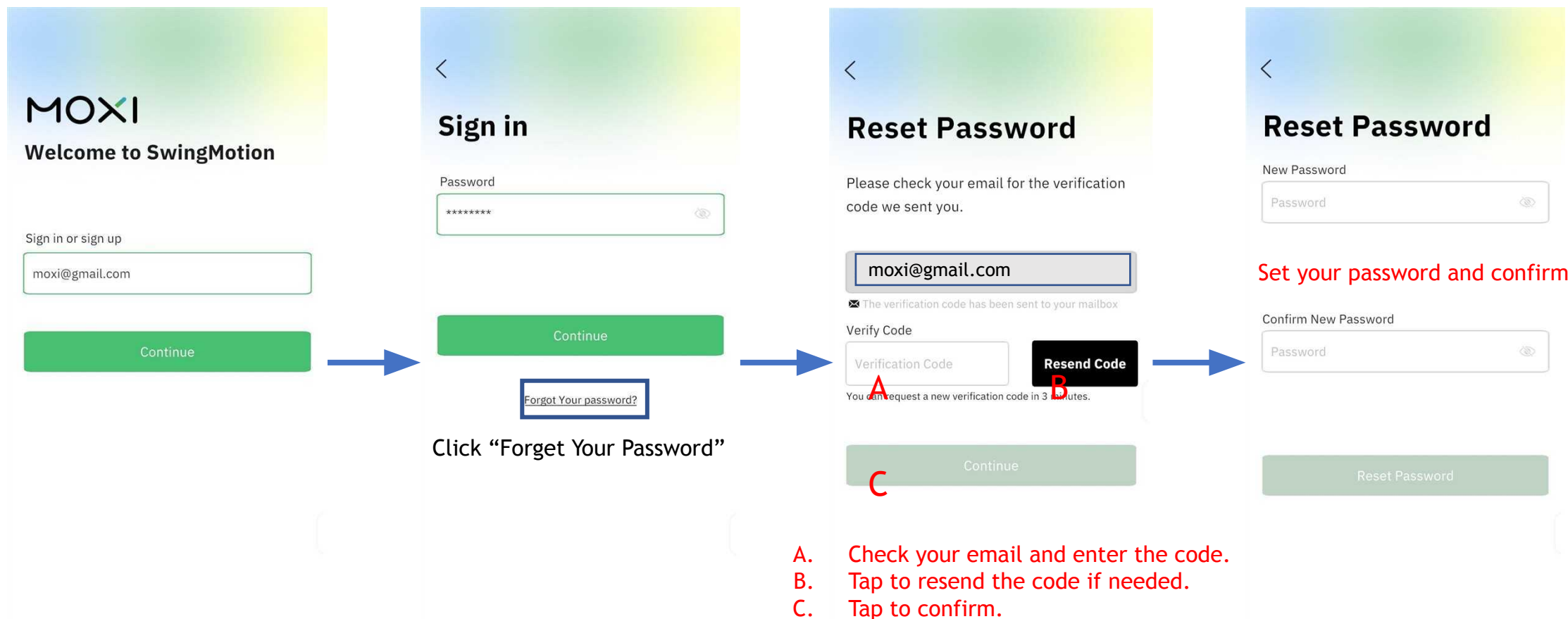
2025/06/12 Ver 0.5.3

# APP User Manuel

# Sign Up and Login

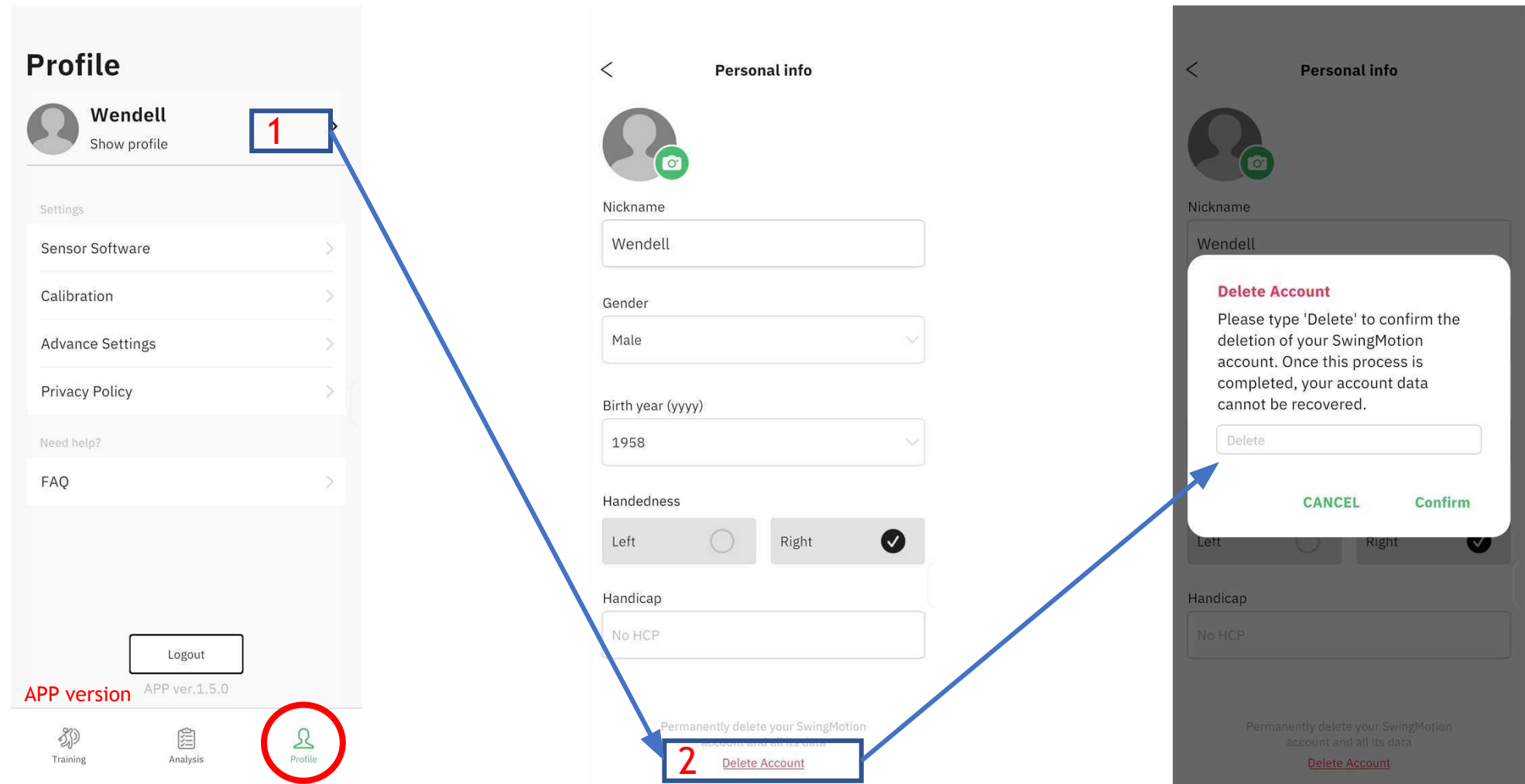


# Login and Reset Password

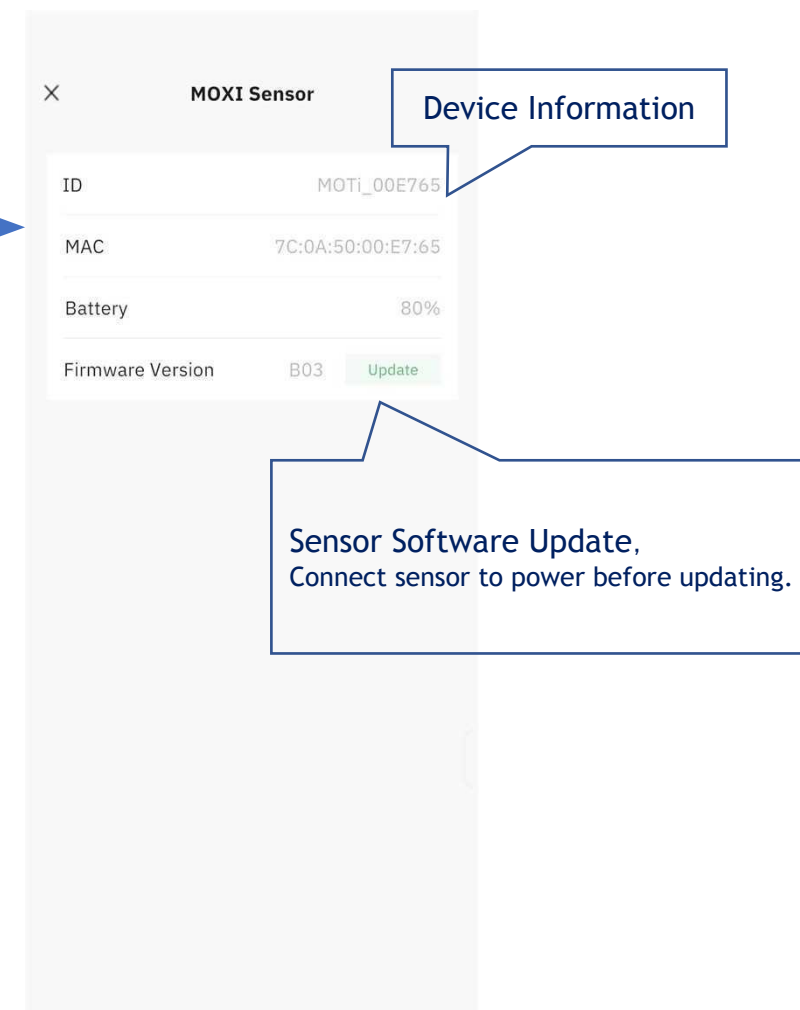
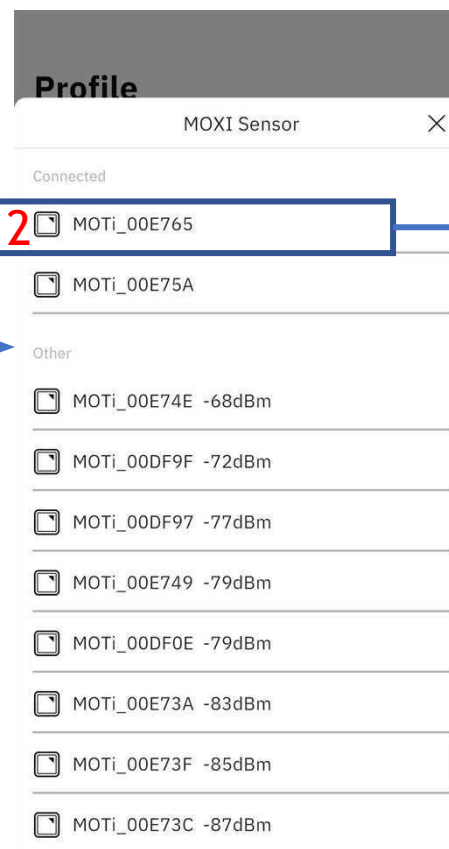
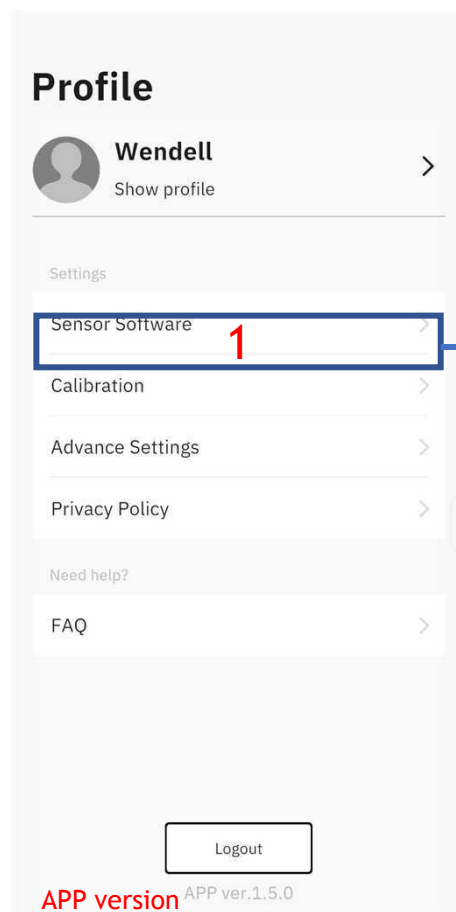


By signing up, you agree to SwingMotion  
Terms of Service and Privacy Policy

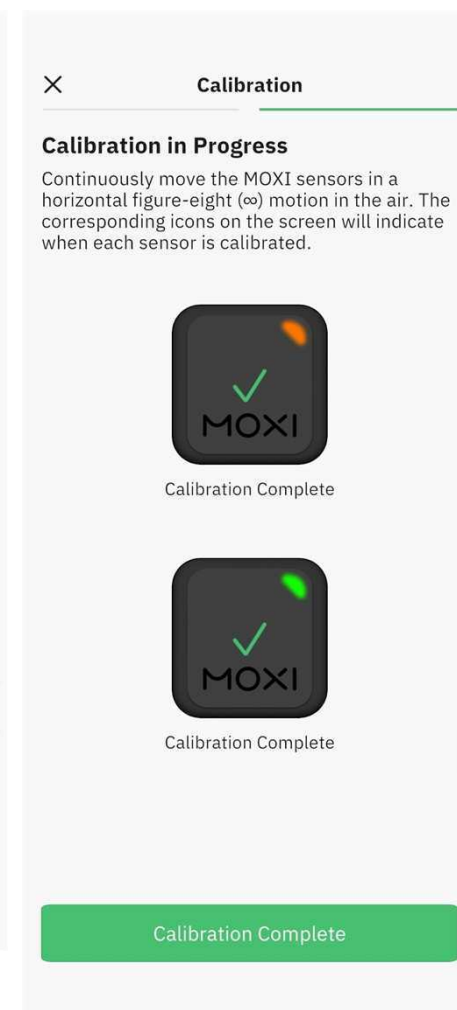
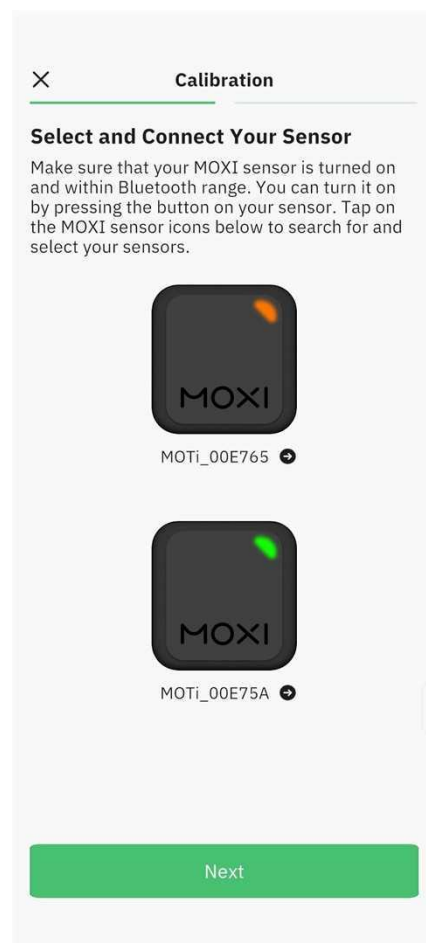
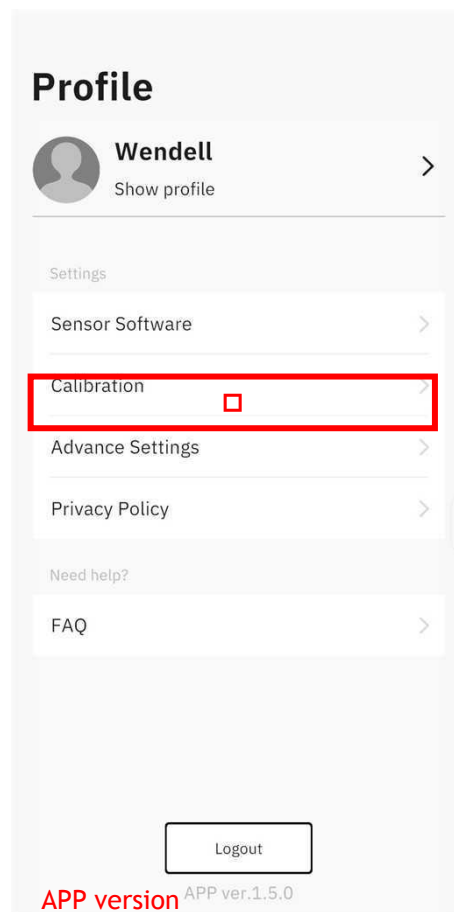
# Profile



# Profile – Sensor Software



# Profile – Calibration



This system leverages geomagnetic data to enhance motion sensing accuracy. Calibration is recommended before initial use, after international travel, and when relocating the device."

# Profile – Advance Settings

**Profile**

**Wendell** >  
Show profile

Settings

- Sensor Software >
- Calibration >
- Advance Settings 1** >
- Privacy Policy >

Need help?

FAQ >

Logout

APP version APP ver.1.5.0

**Advance Settings**

High Accuracy Mode ☐ **More initialization details**  
When enabled, a notification will appear if the initialization process returns a fair result.

Pro Mode ☒ **It changes the perspective of backswing at the top.**  
After activation, the forward tilt and side tilt angles at the top of the backswing will be displayed from the current swinger's perspective.

Language English **Supports only Traditional Chinese, Simplified Chinese, Japanese, and English**

Training Analysis **Profile**



# Training – Common Operation

**Reinitialization**

**Device information**

**Pick club**

**Initialize Device**

Stand in the golf stance, facing the direction of the ball, and wait in a standing position to initialize the device.

**Magnetic interference detected.** [Learn More](#)

**Magnetic interference detected.**  
Please remove any magnets or metal objects around the sensor then go to [Settings] in Profile to [Calibrate].  
**OK**

# Training – Firmware Update Notification

**Training**

**Wrist Tracking**  
Tracks the wrist motion to train for better clubface control and more accurate ball striking.

**Torso Movement**  
Analyze the torso movements during the backswing and downswing to ensure a proper sequence of rotation and maintain an optimal spine angle.

**Hip Movement**  
Monitor the hip movement to ensure an idea kinematic chain and proper position that improving swing power and efficiency.

**Body Separation**  
Evaluate the ability to

Training Analysis Profile

Choose a training mode.  
The app will notify you when new device firmware (sensor software) is available

**Setup**

**Select and Connect Your Sensor**  
Make sure that your MOXI sensor is turned on and within Bluetooth range. You can turn it on by pressing the button on your sensor. Tap on the MOXI sensor icons below to search for and select your sensors.

**Update Firmware to Version B07**  
To ensure proper operation of SwingMotion, please go to the [Profile] page, select [Firmware] under [SETTINGS], and update your sensor firmware to version B07. Please ensure the sensor is connected to power to avoid battery issues during the update.

Confirm

MOTi\_86\_6F05

Next

**Profile**

**Wendell**  
Show profile

Settings

Sensor Software

Calibration

Advance Settings

Privacy Policy

Need help?

FAQ

Logout

APP ver.1.4.0

Training Analysis Profile

Jump to  
[Profile](#)  
[Sensor Software](#)

# Training – AI Tips

Wrist Tracking

Shot 1

2W >

30

Wrist Flexion

AI Tips

Wrist Flexion

Address

+31°

Top

+18°

In range!

Impact

+6°

In range!

It takes a few seconds, depending on the service response.

Wrist Tracking

Shot 2

2W >

-13

Wrist Flexion

AI Tips

Wrist Flexion

Address

+31°

Top

+18°

In range!

Impact

+6°

In range!

A good swing.

Wrist Tracking

Shot 3

2W >

-4

Wrist Flexion

AI Tips

Wrist Flexion

Address

-36°

Top

-44°

In range!

AI Tips

Well done! Keep going!

AI recommendations for a bad swing.

Wrist Tracking

Shot 4

2W >

-14

Wrist Flexion

AI Tips

Wrong Position

Ideal Position

Too flexed

During the backswing, your wrist angle is excessively bent at the top. Focus on maintaining a more neutral wrist position to enhance your swing mechanics.

We also have illustrations for common swing flaws.

# Training – Wrist Control

## Training

### Wrist Tracking

Tracks the wrist motion to train for better clubface control and more accurate ball striking.



### Torso Movement

Analyze the torso movements during the backswing and downswing to ensure a proper sequence of rotation and maintain an optimal spine angle.



### Hip Movement

Monitor the hip movement to ensure an idea kinematic chain and proper position that improving swing power and efficiency.



### Body Separation

Evaluate the ability to



Training



Analysis



Profile



### Wrist Tracking

#### Select and Connect Your Sensor

Make sure that your MOXI sensor is turned on and within Bluetooth range. You can turn it on by pressing the button on your sensor. Tap on the MOXI sensor icons below to search for and select your sensors.



MOTI\_00E75A ➔



MOTI\_00E765 ➔

Next



### Wrist Tracking

#### Wearing Instructions (Right handed)

Please wear one MOXI sensor on your hand (green LED) and the other on your forearm (orange LED). Make sure to follow the LED colors and the icons shown in the illustration for correct placement.



Next



### Wrist Tracking

#### Initialize Device

Stand in the golf stance, facing the direction of the ball, and wait in a standing position to initialize the device.



Initialize

Incorrect posture led to a poor initialization result.



### Wrist Tracking

#### Initialize Device

Stand in the golf stance, facing the direction of the ball, and wait in a standing position to initialize the device.



#### Accuracy: Poor

Accuracy is poor, it is recommended to check if the device is worn correctly or go to the settings to calibrate the unit.

OK

Initialize

# Training – Wrist Control

## Training

### Wrist Tracking

Tracks the wrist motion to train for better clubface control and more accurate ball striking.



### Torso Movement

Analyze the torso movements during the backswing and downswing to ensure a proper sequence of rotation and maintain an optimal spine angle.



### Hip Movement

Monitor the hip movement to ensure an idea kinematic chain and proper position that improving swing power and efficiency.



### Body Separation

Evaluate the ability to



 Training
  Analysis
  Profile


Wrist Tracking


Shot 3

2W >

-27

Wrist Flexion






Wrist Flexion

ADD


+26°



TOP

-35°


Too flexed



IMP

0°

In range!




Wrist Tracking


Shot 2

2W >

20

Wrist Flexion






Wrist Flexion

4.37

Backswing 1.18 /sec


Downswing 0.27 /sec



Speed

Arm

1537.2



Scroll down to see more analysis.

Press the chart icon to see more detail.


Wrist Tracking


Shot 2

2W >

21

Wrist Flexion





Wrist Flexion

Dashboard

Address +8

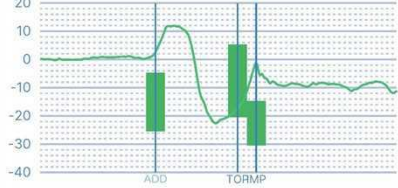
Top In range!

Impact +14

+3

-18

-1




Wrist Tracking


Shot 2

2W >

10

Wrist Flexion





Wrist Flexion

Message

End training and upload data?


CANCEL

OK

TOP

-18°


Too flexed



IMP

-1°

Too extended



Saving data and exit



# Training – Torso Movement

## Training

### Wrist Tracking

Tracks the wrist motion to train for better clubface control and more accurate ball striking.



### Torso Movement

Analyze the torso movements during the backswing and downswing to ensure a proper sequence of rotation and maintain an optimal spine angle.



### Hip Movement

Monitor the hip movement to ensure an idea kinematic chain and proper position that improving swing power and efficiency.



### Body Separation

Evaluate the ability to



Training



Analysis



Profile



## Torso Movement

### Select and Connect Your Sensor

Make sure that your MOXI sensor is turned on and within Bluetooth range. You can turn it on by pressing the button on your sensor. Tap on the MOXI sensor icons below to search for and select your sensors.



MOTI\_00E75A



MOTI\_00E765

Next



## Torso Movement

### Wearing Instructions (Right handed)

Please wear one MOXI sensor on your forearm (orange LED) and the other on your torso (purple LED). Make sure to follow the LED colors and the icons shown in the illustration for correct placement.



Pay attention to the wearing position and the orientation of the indicator light.

Next



## Torso Movement

### Initialize Device

Stand in the golf stance, facing the direction of the ball, and wait in a standing position to initialize the device.



Stand upright with your palms flat against your thighs.

Initialize

# Training – Torso Movement

### Training

#### Wrist Tracking

Tracks the wrist motion to train for better clubface control and more accurate ball striking.



#### Torso Movement

Analyze the torso movements during the backswing and downswing to ensure a proper sequence of rotation and maintain an optimal spine angle.



#### Hip Movement

Monitor the hip movement to ensure an idea kinematic chain and proper position that improving swing power and efficiency.



#### Body Separation

Evaluate the ability to



Torso Movement

Shot 4

Live

2W

27

Forward Bend

-18

4

Rotation

Side Bend

Rotation

Forward Bend

Side Bend

ADD

+28°

In range!

TOP

+12°

Limited forward bend

IMP

+11°

Limited forward bend

Torso Movement

Shot 4

Live

2W

4

Side Bend

-18

27

Rotation

Forward Bend

Sequence

Perfect

Torso first

Tempo

4.58

Backswing

Downswing

1.19 /sec

0.26 /sec

Speed

Torso Movement

Sh

MOTI\_00E765

MOTI\_00E75A

+80%

+84%

2W

-18

Dashboard

Rotation

Address

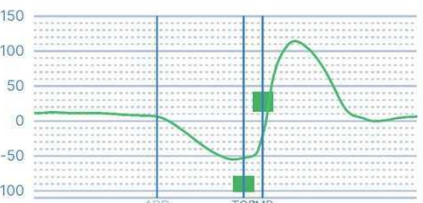
-1

Top

-58

Impact

-26



Forward Bend

Address


In range!

Top

+12

Impact

+11



Scroll down to see more analysis.

Press the chart icon to see more detail.

# Training – Hip Movement

## Training

### Wrist Tracking

Tracks the wrist motion to train for better clubface control and more accurate ball striking.



### Torso Movement

Analyze the torso movements during the backswing and downswing to ensure a proper sequence of rotation and maintain an optimal spine angle.



### Hip Movement

Monitor the hip movement to ensure an idea kinematic chain and proper position that improving swing power and efficiency.



### Body Separation

Evaluate the ability to



Training



Analysis



Profile



## Hip Movement

### Select and Connect Your Sensor

Make sure that your MOXI sensor is turned on and within Bluetooth range. You can turn it on by pressing the button on your sensor. Tap on the MOXI sensor icons below to search for and select your sensors.



MOTI\_00E765



MOTI\_00E75A

Next



## Hip Movement

### Wearing Instructions (Right handed)

Please wear one MOXI sensor on your forearm (orange LED) and the other on your pelvis (yellow LED). Make sure to follow the LED colors and the icons shown in the illustration for correct placement.



Pay attention to the wearing position and the orientation of the indicator light.

Next



## Hip Movement

### Initialize Device

Stand in the golf stance, facing the direction of the ball, and wait in a standing position to initialize the device.



Stand upright with your palms flat against your thighs.

Initialize



# Training – Hip Movement

## Training

## Wrist Tracking

Tracks the wrist motion to train for better clubface control and more accurate ball striking.



## Torso Movement

Analyze the torso movements during the backswing and downswing to ensure a proper sequence of rotation and maintain an optimal spine angle.



## Hip Movement

Monitor the hip movement to ensure an idea kinematic chain and proper position that improving swing power and efficiency.



## Body Separation

Evaluate the ability to



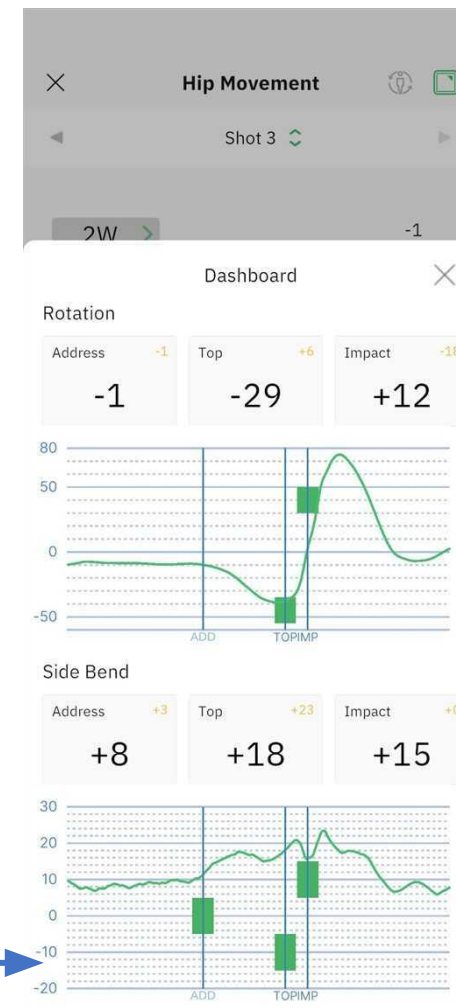
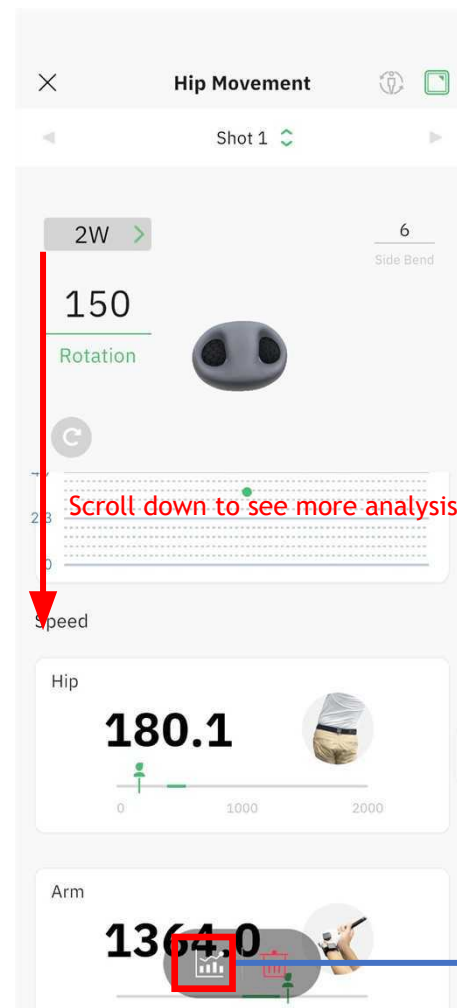
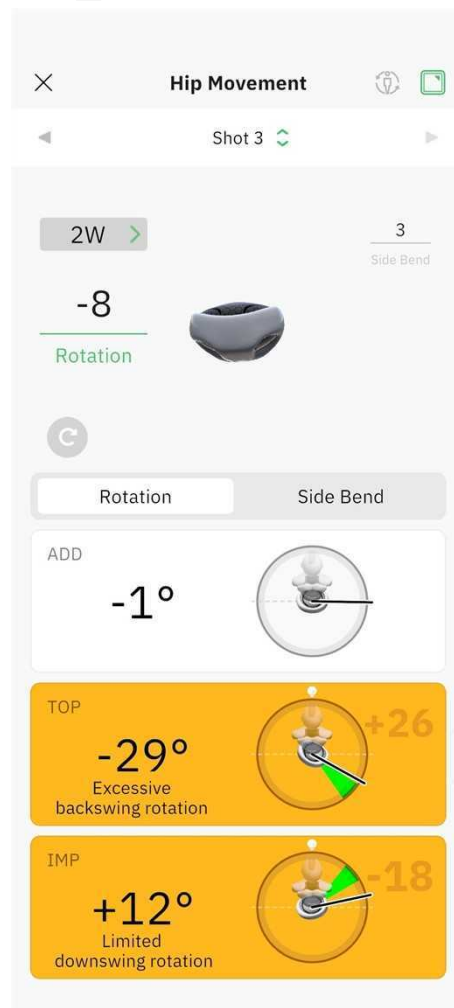
### Training



### Analysis



## Profile



Press the chart icon to see more detail.

# Training – Body Separation

## Training

control and more accurate ball striking.



## Torso Movement

Analyze the torso movements during the backswing and downswing to ensure a proper sequence of rotation and maintain an optimal spine angle.



## Hip Movement

Monitor the hip movement to ensure an idea kinematic chain and proper position that improving swing power and efficiency.



## Body Separation

Evaluate the ability to separate upper and lower body movements and examine the sequence of the kinetic chain to maximize swing power.



Training



Analysis



Profile

## Body Separation

### Select and Connect Your Sensor

Make sure that your MOXI sensor is turned on and within Bluetooth range. You can turn it on by pressing the button on your sensor. Tap on the MOXI sensor icons below to search for and select your sensors.



MOTi\_00E75A



MOTi\_00E765

Next

## Body Separation

### Wearing Instructions (Right handed)

Please wear one MOXI sensor on your torso (purple LED) and the other on your pelvis (yellow LED). Make sure to follow the LED colors and the icons shown in the illustration for correct placement.



Pay attention to the wearing position and the orientation of the indicator light.

Next

## Body Separation

### Initialize Device

Stand in the golf stance, facing the direction of the ball, and wait in a standing position to initialize the device.



Stand upright with your palms flat against your thighs.

Initialize

# Training – Body Separation


### Training

control and more accurate ball striking.




### Torso Movement

Analyze the torso movements during the backswing and downswing to ensure a proper sequence of rotation and maintain an optimal spine angle.




### Hip Movement

Monitor the hip movement to ensure an idea kinematic chain and proper position that improving swing power and efficiency.

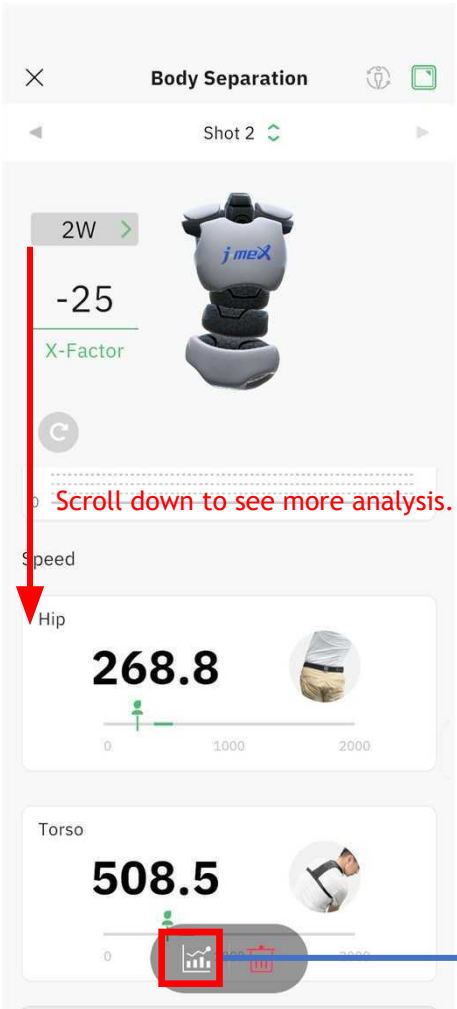
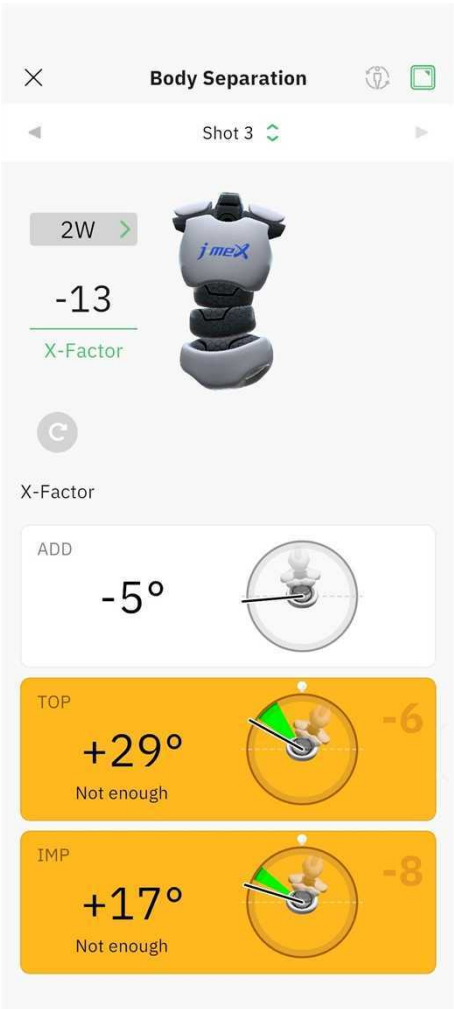


### Body Separation

Evaluate the ability to separate upper and lower body movements and examine the sequence of the kinetic chain to maximize swing power.



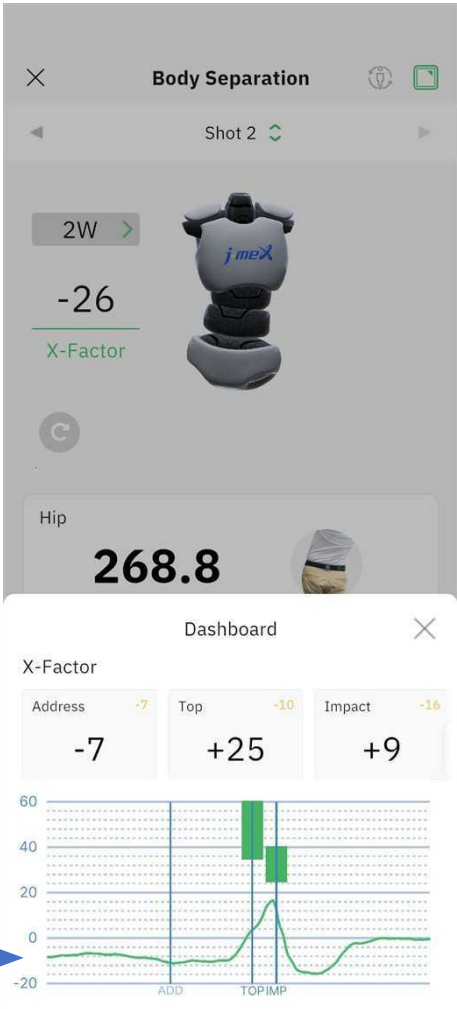
Training Analysis Profile



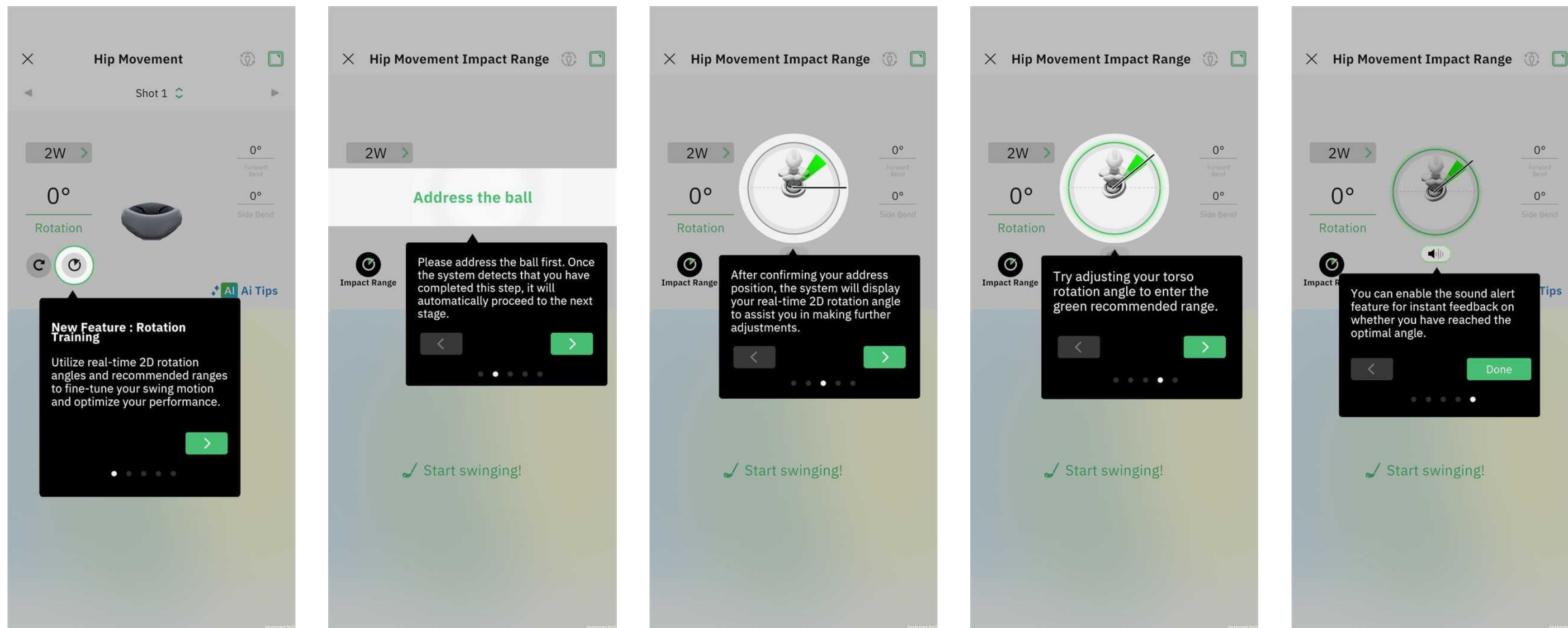
Scroll down to see more analysis.



Press the chart icon to see more detail.



# Training – Practice Mode



You'll see a quick feature overview the first time you enter practice mode



# Training – Practice Mode

**Torso Movement**

Shot 1

2W > 6  
-5 Rotation  
Side Bend -14 Forward Bend

Press to enter the Practice Mode

**Torso Movement Top Practice**

2W > Address the ball

Be aware of the rotation angle of the torso (shoulders) or hips.

The green zone is the target range.

**Hip Movement Impact Range**

2W > Address the ball

40 Rotation

**Hip Movement Impact Range**

2W > Address the ball

5 Side Bend

Start swinging!

Start swinging!

These information can be ignored.

# Swing Posture Data & Key Checkpoints

## Pose angles

### Rotation

Shoulder turn relative to spine

0° = Square shoulders

Negative values = Rotated back

### Forward Bend

Forward tilt toward target

0° = Upright posture

Positive values = Leaning forward

### Side Bend

Lateral spine tilt target

0° = Neutral spine

Positive values = Leaning toward target

## Key Swing Positions

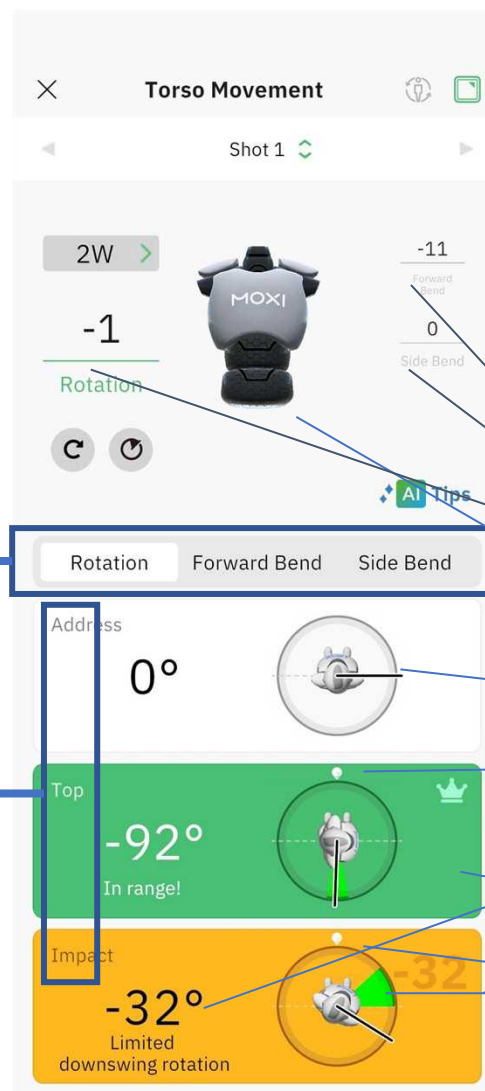
### Address



### Top



### Impact



Real-time tracking

Interactive 360° view

Extension of the trail-side chest.

Ball position

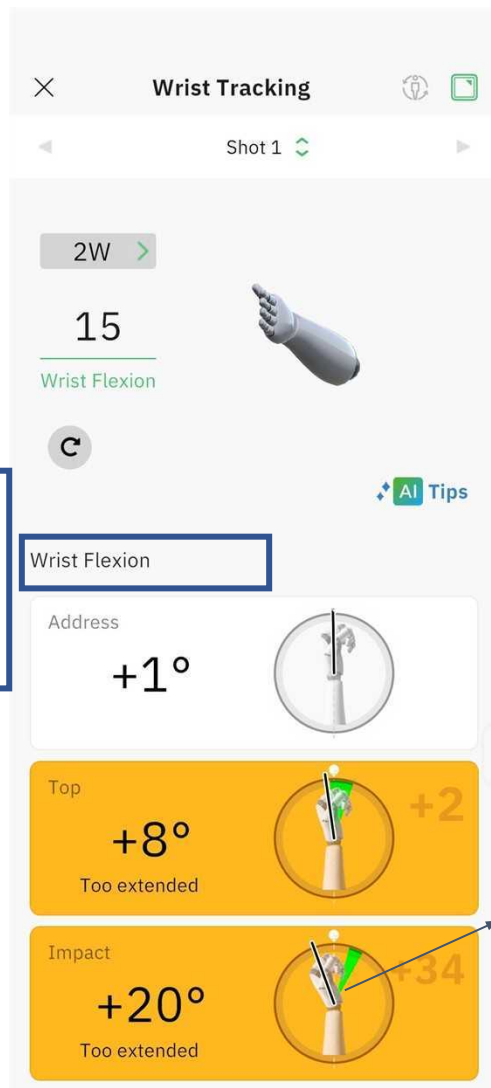
Real-time angle values

In-Range Icon, (light green)

Optimal range (bright green)

Deviations from recommended angles

# Training Wrist Control

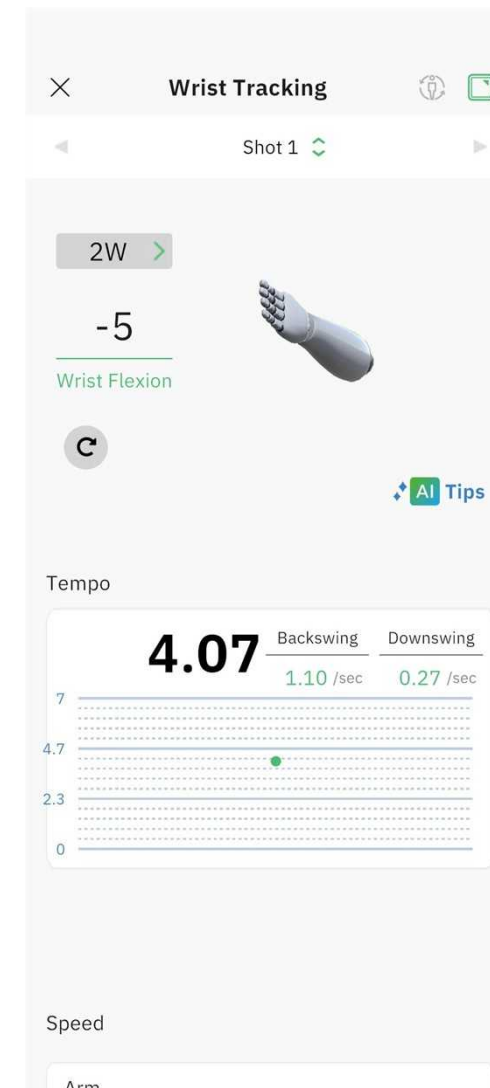
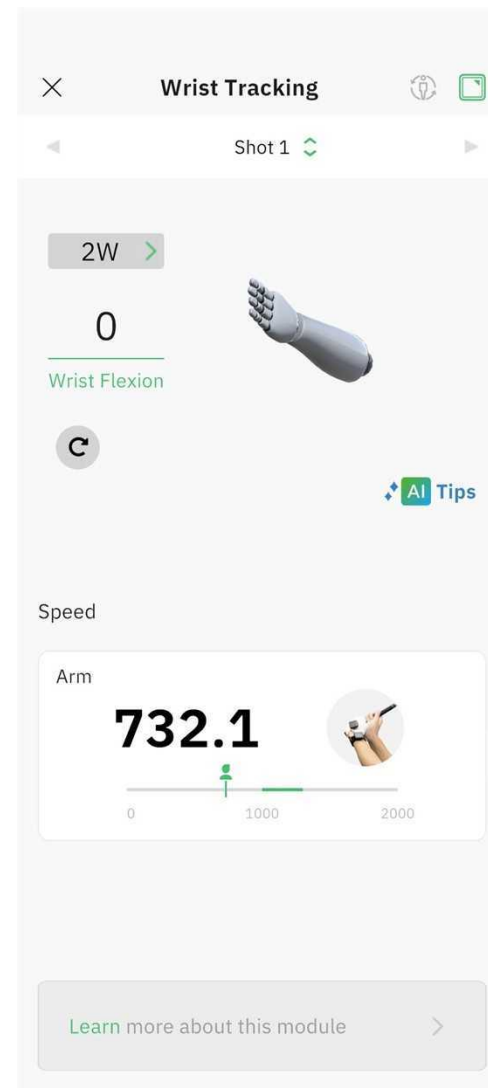


Wrist flexion Angle

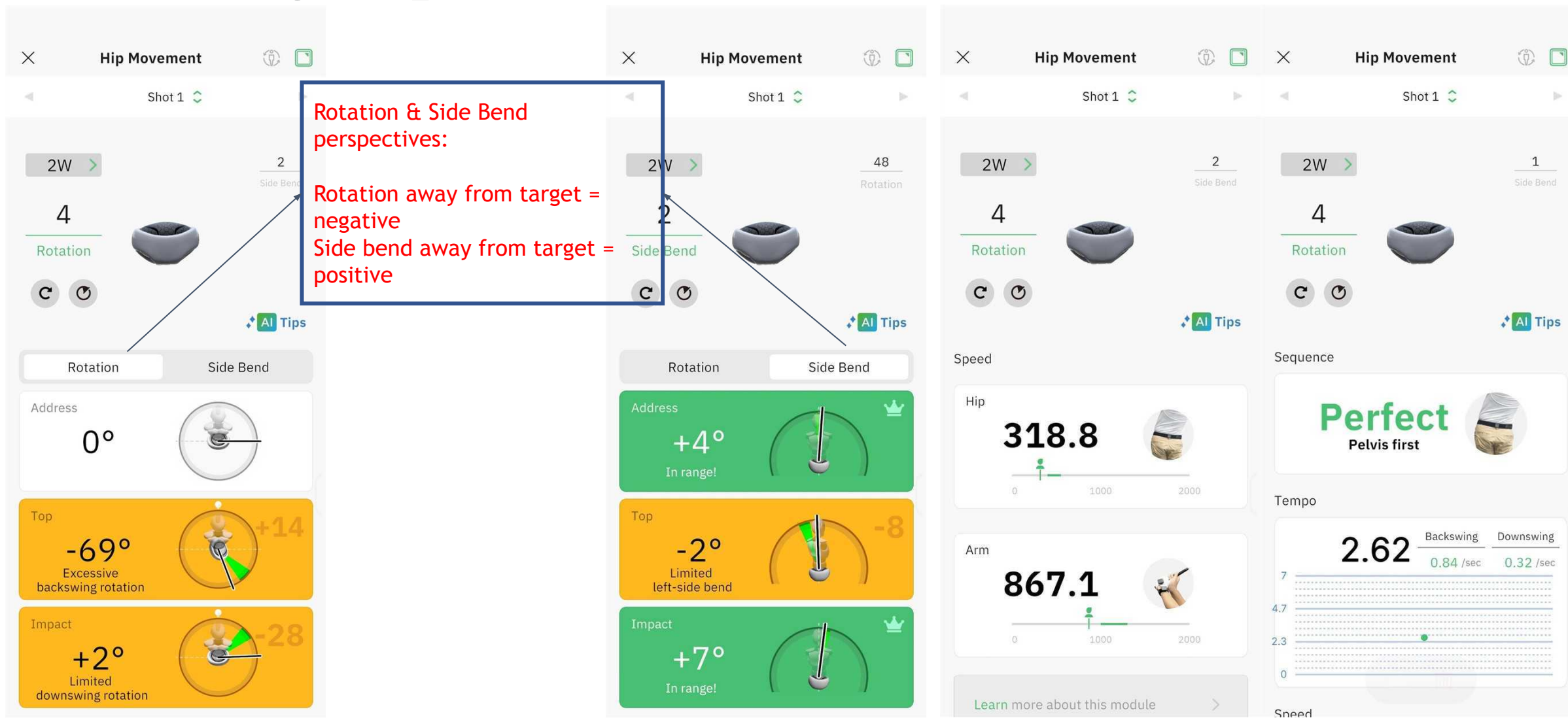
Dorsiflexion  $\Rightarrow$  +  
Palmarflexion  $\Rightarrow$  -

Wrist Flexion

The address position has no fixed standard. Top and impact angles are defined relative to it.



# Training Hip Movement



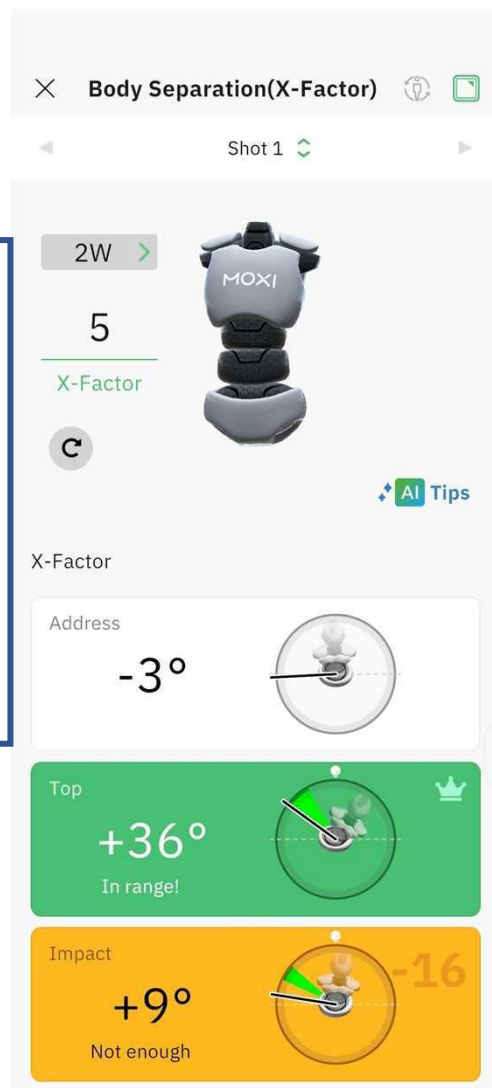


# Training Body Separation

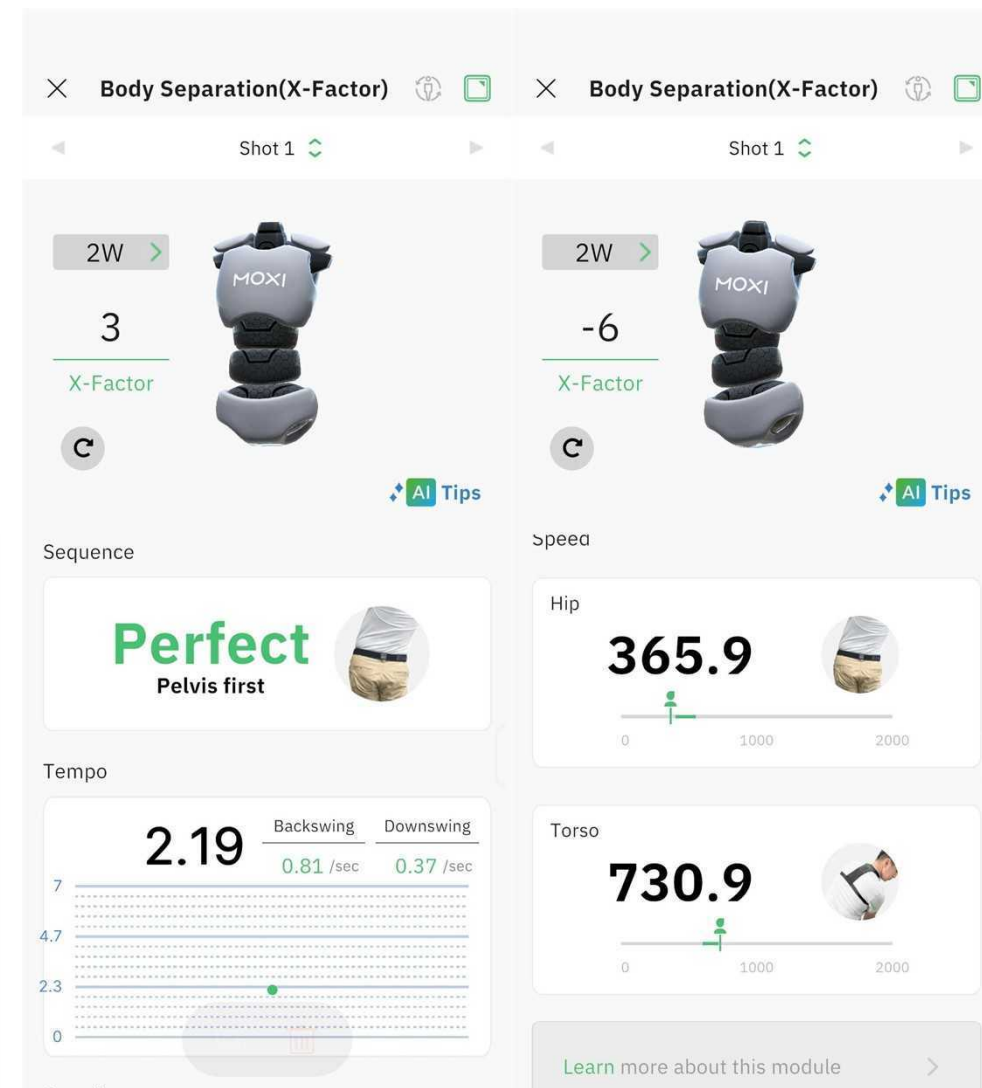
X-Factor perspective:

Rotation away from the target is negative.

Side bend away from the target is positive.



A top-down view highlights the rotation angle difference between shoulders and hips.



# Analysis

## Analysis

2024-12-24

### Wrist Tracking

2024-12-24 14:25  
Session Title:手腕控制模組

### Torso Movement

2024-12-24 14:31  
Session Title:上半身動作模組

### Hip Movement

2024-12-24 14:36  
Session Title:骨盆動作模組

### Body Separation

2024-12-24 14:39  
Session Title:上下身協調模組

### Body Separation

2024-12-24 14:49  
Session Title:Body Separation

### Torso Movement

2024-12-24 14:52



Training



Analysis



Profile



Session Title: Wrist Tracking

### Wrist Tracking

Date  
2024-12-24  
14:59

Shot  
3

REPLAY

\* Offset from the range

SHOT	1	2	3
ADD	+24	+27	+26
TOP	-29	-18	-35
IMP	+28	+12	0
TOP*	-33	-25	-41
IMP*	+34	✓	✓
CLUB	2W	2W	2W

ADD



Session Title: Torso Movement

### Torso Movement

Date  
2024-12-24  
14:52

Shot  
4

REPLAY

\* Offset from the range

SHOT	1	2	3
ADD	-1	-1	0
TOP	-64	-64	-49
IMP	-30	-29	-25
TOP*	+36	+36	+51
IMP*	-45	-44	-40
CLUB	2W	2W	2W

ADD



Session Title: Hip Movement

### Hip Movement

Date  
2024-12-24  
14:56

Shot  
3

REPLAY

\* Offset from the range

SHOT	1	2	3
ADD	+3	+3	-1
TOP	-28	-10	-29
IMP	+8	+42	+12
TOP*	+27	+45	+26
IMP*	-22	✓	-18
CLUB	2W	2W	2W

ADD



Session Title: Body Separation

### Body Separation

Date  
2024-12-24  
14:49

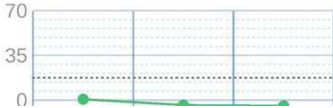
Shot  
3

REPLAY

\* Offset from the range

SHOT	1	2	3
ADD	+1	-4	-5
TOP	+35	+28	+29
IMP	+23	+9	+17
TOP*	✓	-7	-6
IMP*	-2	-16	-8
CLUB	2W	2W	2W

ADD



# MOXI Sensor Status LED

Status	LED light	Blinking
Power on, not connected	White	No
Power on, connected	App defined or None	No
Charging	Red	No
Low Battery (20%)	Red	Yes (on for 0.1s, off for 2s)
Data Transmitting	App defined Color	Yes (on for 0.2s, off for 1s)
Charging complete	White	No



Upper Back (C7 vertebra)	Wrist (Dorsal carpal)	Back of hand (dorsal hand)	Lower Back (L4-L5 vertebra)
--------------------------	-----------------------	----------------------------	-----------------------------