

ezGym

Universal Sport Tracker

Wireless, Accurate, Convenient

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EZGYM

Specification

01 Smartphone connection

Patent-pended ultrasound algorithm with "Device Microphone" input/connection.

02 Power consumption

<0.1 mA · 3~5V
Battery ; CR2032 (200 mAh) is available over 1,000 hours operation.



03 Fitness Application

Multiple fitness equipments and steps recording, include strength, speed, accurate, etc.

- ◆ Bike & cycling radar computer (included Indoor Flywheel);
- ◆ Other fitness such as Yoga, sit-up, and push up, etc

Best P/E Upgrade



EZGYM

Best P/E Upgrade Fitness Equipment

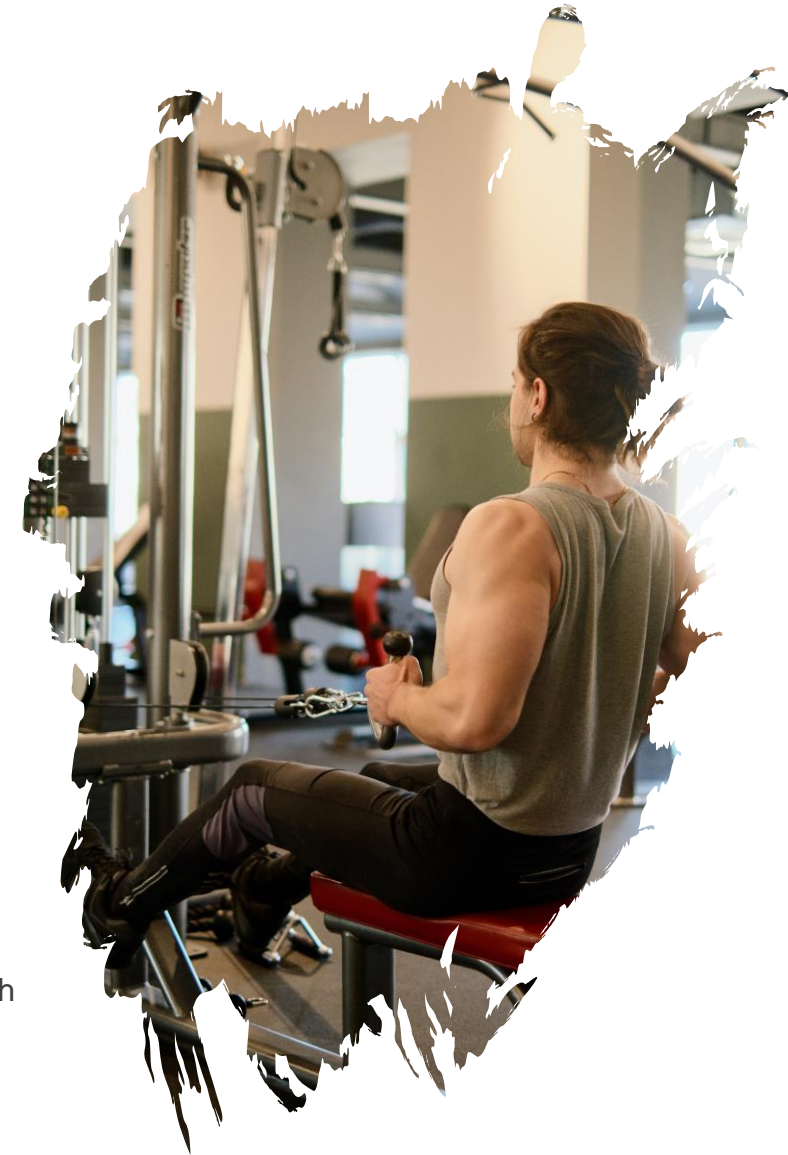
Flywheel, bike, treadmill, rowing machine, etc.

EZGYM Technology included an **“Ultrasound Emitter”** and **“Your Smartphone/Pad”**, with the specified audio algorithm, users’ behavior with fitness will be recorded in accurate, real-time, and convenient.

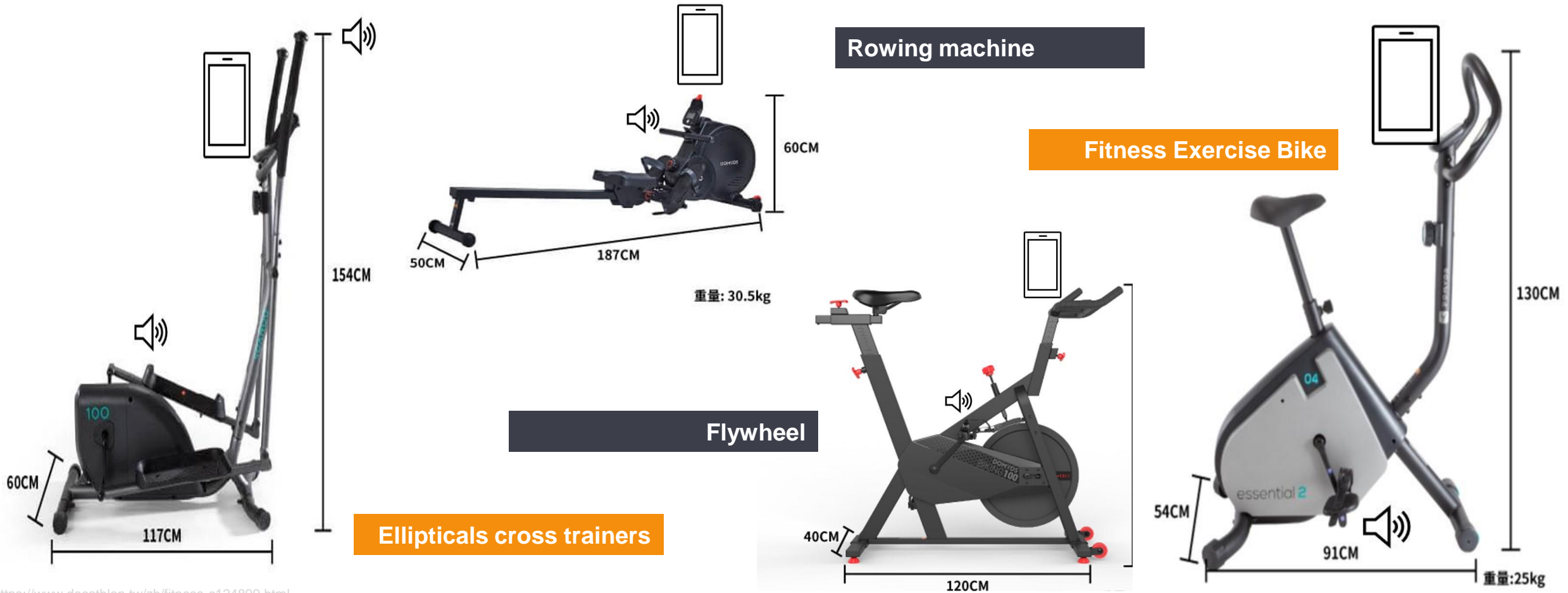
Put your ultrasound emitter with a suitable method in the fitness equipment, such as the replacement strip, silicone or plastic tape/bands, or other partnership design such as embed pedal in the bike.

The ultrasound emitter is also available fixed with the arm or leg.

Choose your exercises in the right category, or self-defined position/workload in your smartphone.



Applicable Equipment



<https://www.decathlon.tw/zh/fitness-c124899.html>
<https://www.decathlon.tw/zh/fitness-c301442.html>
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Comparison of Exercise Performance Recorder



	EZGYM exercise performance recorder	Smart band / smart watch	Bike & Cycling Radar Computer
Company	Genius	Apple, Huawei, MI, Garmin	Garmin, Bryton, Alatech
Retails Price	-	20~799 USD	20~70 USD
Technology	Ultrasound emitter/recorder	GPS, gyroscope, Magnetometer, infrared	Hall sensor, gyroscope, etc
Connection	Smartphone Microphone	Bluetooth	Bluetooth
Strength	Multiple fitness equipment or body movements.	Multi functions, physiological determination	Easy assemble with bicycle.
Weakness	Only physical movement & postures determine	Only hands/arm movement with accuracy	Only in bike
Battery & operation	1000 hours of use on 200 mAh	200 hours of use on 100 mAh (MI Band)	12 hours of use on 600 mAh (Garmin Edge 820)

WHY use EZGYM ?



Reasonable price



Conserve



Convenient to use



No BT channel limitation

➤ Smartphone JUST only with two Bluetooth connection channels,



01

Software

- App: Nike Run Club & Nike Training Club, Adidas Micoach, etc
- Social Exercise App: Runtastic (M&A by Adidas at 2015), Strava, etc.
- Indoor Bike Training App: Zwift, Sufferfest, Igrupetto, FulGaz, Rouvy, Bkool, etc.

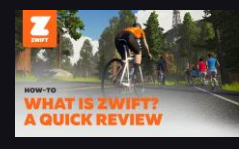
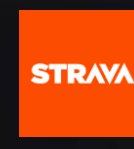
Fitness Company could create own Sport Platform, or sync with other App.

02

Hardware

- Smart device App with GPS or gyroscope: Garmin, Fitbit, MI, Huawei, Samsung, Apple Watch, etc.
- Smartphone App: GPS, gyroscope, camera, and the simple timing-based algorithm

Related
Solution



Brief of Software UI



Registration

ID 、 PW 、 height, weight, gender, birthday/age, history, etc



Setup

ezGym Frequency input, AI auto calibration, etc.



Exercises

Fitness equipment selection, self defined training, etc.



Social Share

Sharing training timing, calorie consumption, FB, wechat, IG, etc..



Online Course

Youtube or other live app, provide training courses. The coach could review students' performance on time

EZGYM Demo Video

1. uBike outdoor cycling
2. Fitness at Decathlon: Spinning Bike 、 In'Ride Trainer 、 Weight Training Rack 、 Rowing Machine 、 Cross Trainer 、 Weight Training Compact rack, etc.

Demo:

- Spinning Bike : <https://youtu.be/-jflrn1ihvg>
- In'Ride Trainer: <https://youtu.be/zZuqHJDI4GQ>
- Outdoor bike : <https://youtu.be/eqxD2xeOCok>
- Weight Training Rack : https://youtu.be/u4vU5vFN_NU
- Rowing Machine : https://youtu.be/_lqpKWFhUU
- Cross Trainer : <https://youtu.be/D-07xies0b4>
- Weight Training Compact rack : <https://youtu.be/8Bg1yCLXk9k>

Stand-Up or Sit-Ups are both available with the arm ultrasonic emitter.

New Technical Sensor for Peloton

- The first universal fitness recorder sync with your smartphone.
- Wireless connection without BT/WiFi channels.
- The small emitter could be embedded within sports clothes or any fitness types of equipment.

Real-time, accurate, and convenient!

EZGYM Specification: Smart Bike

- Size: 53*24*6.5 mm (**available to downsize > 80%**)
- Weight: Total 11.46g (Ultrasonic Sensor: 8.34 g, + 1*CR2032 3.12 g)
- Transmission Distance: 1cm ~ 10 M, multiple application adjustment. (Bike purpose <2 M)
- Continue Opination/Life cycle: 200 mAh (CR2032) > 1~2,000 hours.
- Conjugation Design: paste, silicone band, plastic or metal dock, and fiber or clothes, etc.
- Connection: Smart Devices' MIC (No use in BT/WiFi channels)
- Software: Audio library/SDK to plug within the application or customized app available.



**Thank you
for your attention**

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