

## About Magene

Founded In December 2015, Qingdao Magene Intelligent Technology Co., Ltd. has always been committed to the development of intelligent, Interesting and information-based cycling sports. Focusing on user needs and oriented by the development trend of cycling. Magene applies cutting-edge R&D technologies, innovative scientific and technological products and smart cycling equipment to both outdoor and indoor cycling scenes.

For the indoor part, Magene actively promotes indoor cycling culture and provides a comprehensive solution for smart indoor training, which combines smart bike trainer and Onelap competitive software. For the outdoor part, a well-developed cycling ecology is built based on a full set of smart sensors, smart GPS bike computers, electronic shifting groupsets and other devices and combined with the OnelapFit APP.

In the field of eBike, Magene provides complete eBike solutions, including the design, production, and adaptation of all components in the system, providing a safer, more comfortable, and more convenient cycling experience. Magene eBike system adopts an independently developed intelligent algorithm and on-site one-to-one model adjustment by engineers to ensure different riding feelings for each model.

With the continuous exploration of overseas market, Magene has now comes to the fore in the international market.



## 2025 Products Collection

Ignite Passion, Enrich Journey

2025

# T110

## Smart Bike Trainer

The first choice for entry-level smart bike trainer. Parallel leg, foldable design, smart resistance control, ERG mode and Bluetooth protocol, enjoy smart indoor training at one go.

**±5%**  
Power Accuracy

**<56dB**  
Noise Level

**1.64kg\*m<sup>2</sup>**  
Moment of Inertia

**600W**  
Maximum Power

**6%**  
Maximum Simulated Gradient



# T200

## Smart Bike Trainer

Continuing to use the classic design of the GRAVAT series, T200 offers a full range of functions and stable performance, comparable to classic products in all respects. Supports ANT+ and Bluetooth dual protocol, provides power, speed, and cadence data.

**±2.5%**  
Power Accuracy

**1800W**  
Maximum Power

**2.62kg\*m<sup>2</sup>**  
Moment of Inertia

**<56dB**  
Noise Level

**15%**  
Simulated Gradient Maximum



# T300 Plus

## Smart Bike Trainer

The 3rd-generation high-performance classic product, its cool fascinating exterior design and accurate power algorithm bring a more realistic cycling experience. Supports ANT+ and Bluetooth dual protocol, provides power, speed, and cadence data.

**2600W**  
Maximum Power

**±2%**  
Power Accuracy

**3.26kg\*m<sup>2</sup>**  
Moment of Inertia

**New MDFP**  
Algorithm Model

**22%**  
Maximum Simulated Gradient

**<56dB**  
Noise Level



# T600

## Smart Bike Trainer

Featured with permanent magnet synchronous motor, dynamic inertia, four connection modes(BLE FTMS, ANT+FE-C, Ethernet, WiFi), heart rate monitor bridge, nine types road surface simulation\*. T600 Smart Bike Trainer as Magene's first self-powered bike trainer, born for the pros, and dedicated to be the new benchmark of your glory road.

**±1%**  
Power Accuracy

**4**  
Connection Modes

**3-channel**  
Bluetooth

**Race**  
Mode

**Downhill**  
Simulation

**Integrated**  
Die-Casting

**Self - power**




**T110**

**T200**

**T300 Plus**

**T600**

Maximum Gradient	6%	15%	22%	20%
Maximum Power	600w	1800W	2600w	2200w
Power Accuracy	±5%	±2.5%	±2%	±1%
Moment of Inertia	1.64kg·m²	2.62kg·m²	3.26kg·m²	Dynamic inertia
Output data	Power, speed	Power, speed, cadence	Power, speed, cadence	Power, speed, cadence
Race Mode	✕	✕	✕	√
Downhill Simulation	✕	✕	✕	√
Self-power	✕	✕	✕	√
Heart Rate Monitor Bridge	✕	✕	✕	√
Transmission System	Electromagnetic	direct drive, belt transmission		Permanent magnet synchronous motor
Expanded Size	600*500*450mm	600*500*460mm	480*750*500	445*735*510mm
Folded Size	600*250*510mm	600*250*520mm	480*210*500	445*210*510mm
Weight	9.7kg	13.6kg	18kg	15.6kg
Lift Handle	✕	✕	√	√
Bluetooth	√	√	√	√ (can be connected by three Bluetooth devices)
ANT+	✕	√	√	√
Wi-Fi	✕	✕	✕	√
Ethernet	✕	✕	✕	√
Indicator	√	√	√	√
Power Supply	100~240V, 12V, 3A power adapter	100~240V, 12V, 4A power adapter	100~240V, 12V, 5A power adapter	100~240V, 48V, 1.35A power adapter
Noise Level	56 dB(@1.5m&25km/h)			
Power Assist	Spindown	Spindown, temperature compensation		No Calibration Required
Wheel Compatibility	26"~29"MTB, 700cRD			
Suitable Cassettes	Shimano/Sram Sram XDR	8 ~ 11 speed cassette, Shimano 12 speed cassette, 12-speed cassette (XDR freehub sold separately)		
Frame Compatibility	130/135mm	quick release, 12*142mm/12*148mm thru-axle		
Complimentary Accessories	130/135 quick release adapter 12*142/148 thru-axle adapter quick release skewer quick release cap (Installed) HG thru-axle cap freehub body spacer disc brake pad spacer wrench	130/135 quick release adapter 12*142/148 thru-axle adapter quick release skewer quick release cap (Installed) HG thru-axle cap freehub body spacer disc brake pad spacer Bluetooth adapter wrench	130/135 quick release adapter 12*142/148 thru-axle adapter quick release skewer quick release cap (Installed) HG thru-axle cap freehub body spacer disc brake pad spacer Bluetooth adapter front wheel riser wrench 11-speed 11-28T cassette	130/135 quick release adapter 12*142/148 thru-axle adapter quick release skewer quick release cap (Installed) HG thru-axle cap freehub body spacer disc brake pad spacer Bluetooth adapter front wheel riser 4mm bike trainer mat 11-speed 11-28T cassette

## L508 Radar Tail Light

Featured with smart brake sensing, Bluetooth, ANT+ dual protocol, auto-sleep and auto-awake and adjustable brightness in different light modes. While warning rear vehicles, L508 can feedback real-time rear traffic to riders by display terminal. Double reminds, double safety.

**40°**  
Detection Angle

**7**  
Light Modes

**220°**  
Viewing Angle

**19h**  
Up to Battery Life

**1.2km**  
Visibility

**140m**  
Detection Distance

**10-120km/h**  
Detection speed (relative)



## L308 Intelligent Expression Tail Light

With 96 COB LED lights that you can freely customize on OnlapFit APP, featured with smart brake sensing, Bluetooth protocol and auto-sleep/awakes settings, L308 is the first intelligent taillight on the market that supports such highly customization.

**DIY**  
Your Own Emojis

**3**  
Kinds of Emojis

**50h+**  
Battery Life

**15**  
Emojis Storage

**800m**  
Maximum Visual  
Distance at Night

**23g**  
Lightweight Design



## C606 Pro Smart GPS Bike Computer

Magene C606 Pro redefines cycling technology with its 2.8-inch touchscreen and advanced dual-band GPS for unparalleled accuracy. Featuring Bluetooth, ANT+, and Wi-Fi connectivity, it seamlessly integrates with sensors, apps, and platforms.

**2.8"** color touch screen **Climb Planning**

**Supports offline rerouting**  
for deviated paths

**Customizable data display**



**C606 Pro**

## C606 Smart GPS Bike Computer

The C606 inherits Magene years of innovation in bike computer technology and data integration, and significantly improves performance in terms of screen display, wifi connectivity, and navigation. In addition, the C606 realizes Magene Smart Cycling Ecosystem, providing riders with a safer and more enjoyable riding experience.

**Smart Riding Assistant** **WiFi** Transmission

**Customizable** Data Display

**Map** Navigation **11** Languages

**8** Sensors Connection



**C606**

## C506 Smart GPS Bike Computer

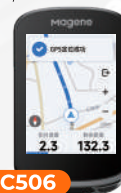
2.4-inch touch color screen, lightweight body, compact size, comprehensive functionality.

**Bluetooth** and **WiFi** Transmission

**Smart Riding Assistant**

**Customizable** Data Display

**Map** Navigation **10** Sensors Connection



**C506**

## C506 SE Smart GPS Bike Computer

With a 2.4-inch color screen, it offers clear visibility in all conditions. It supports dual-band GPS and multiple satellite systems for accurate tracking, while Bluetooth and WiFi connectivity ensure seamless integration with sensors and apps. Long battery life, customizable data display, and waterproof design make it the perfect companion for every ride.

**2.4"** Color Screen **GPX** File Import

**5s** Positioning **11** Languages

**9** Sensors Connection **Indoor Training**



**C506 SE**

**C606 Pro****C606****C506****C506SE**

Screen Size	2.8"	2.8"	2.4"	2.4"
Screen	Color touchscreen	Color touchscreen	Color touchscreen	Color touchscreen
Weight	106g	105g	76g	74g
Product Size	97*57*17.6mm	97x57x17.6mm	78x48x17.6mm	78*48*17.6mm
Color	Black	Black	Black	Black
Button	3	3	3	3
Bike Memory	5	5	5	5
Battery Life	25h	17-28h	17-24h	17-24h
Charging Port	Type-C	Type-C	Type-C	Type-C
Data Types Displayed	108 data items in 14 categories	103 data items in 13 categories	105 data items in 14 categories	108 data items in 14 categories
Cycling Mode	12	12	12	12
Customized Pages	10	10	10	10
Data Items Displayed on Single Page	1~10	1~10	1~10	1~10
Data Display	Circular dials, line graphs, and numerical display	Circular dials, line graphs, and numerical display	Circular dials, line graphs, and numerical display	Circular dials, line graphs, and numerical display
Wireless Protocol	WiFi, ANT+, Bluetooth	WiFi, ANT+, Bluetooth	WiFi, ANT+, Bluetooth	WiFi, ANT+, Bluetooth
Navigation	Turn-by-turn map navigation	Turn-by-turn map navigation	Turn-by-turn map navigation	Tracking navigation
Lap Counting	√	√	√	√
Auto Backlight	√	√	√	√
Auto Time Calibration	√	√	√	√
Smart Notification	√	√	√	√
Cycling Training	√	√	√	√
Smart Riding Assistant	√	√	√	X
Ambient Light Sensor	√	√	√	√
Waterproof Grade	IPX7	IPX7	IPX7	IPX7
Working Temperature	-10°C-50°C	-10°C-50°C	-10°C-50°C	-10°C-50°C
Charging Temperature	0°C -45°C	0°C -45°C	0°C -45°C	0°C -45°C
Scalable Sensors	Cadence, speed, speed and cadence combined, heart rate monitor, power meter, smart bike trainer, electronic shifting system, radar tail light, smart headlight	Cadence, speed, speed and cadence combined, heart rate monitor, power meter, smart bike trainer, electronic shifting system, radar tail light	Cadence, speed, speed and cadence combined, heart rate monitor, power meter, smart bike trainer, electronic shifting system, radar tail light, smart headlight	Cadence, speed, speed and cadence combined, heart rate monitor, power meter, smart bike trainer, electronic shifting system, radar tail light, smart headlight
Satellite Positioning System	BeiDou, GPS, GLONASS, Galileo, QZSS	BeiDou, GPS, GLONASS, Galileo, QZSS	BeiDou, GPS, GLONASS, Galileo, QZSS	BeiDou, GPS, GLONASS, Galileo, QZSS
Language	EN, CN, KR, SP, DE, IT, FR, PT, JP, PO, RU	EN, CN, KR, SP, DE, IT, FR, PT, JP, PO, RU	EN, CN, KR, SP, DE, IT, FR, PT, JP, PO, RU	EN, CN, KR, SP, DE, IT, FR, PT, JP, PO, RU

# PES P515 Power Meter

- Power, Cadence, Left-right Balance, Pedaling Smoothness

weight only 628g

260h endurance

ANT+, Bluetooth

IPX7 waterproof



# TEO P515 Power Meter

- Power, Cadence, Left-Right Balance, Pedaling Smoothness

Ultra Light from 320g

110 BCD 4-arm chainring compatible

±1% Power Accuracy

260h endurance

IPX7 waterproof



Magene



PES P515



TEO P515

Type	Road Bike	Road Bike
Power Accuracy	±1%	±1%
Bluetooth	√	√
ANT+	√	√
BCD	BCD110	BCD110
Length	165、170、172.5、175mm	160、165、170、172.5、175mm
Material	6061 aluminum alloy	Carbon
Weight	620±3g (170mm)	320±5g (170mm)
Chainline	44.25mm	44.25mm
Q-factor	147mm	147mm
Main Function	Power, Cadence, Left-Right Balance, Pedaling Smoothness, Automatic Calibration, Backpedal Calibration, Manual Calibration	Power, Cadence, Left-Right Balance, Pedaling Smoothness, Automatic Calibration, Backpedal Calibration, Manual Calibration
Bluetooth Function	1. device connection 2. battery 3. power 4. left-right balance 5. cadence 6. SN code 7. software activation	1. device connection 2. battery 3. power 4. left-right balance 5. cadence 6. SN code 7. software activation
ANT+ Function	1. device connection 2. battery 3. power 4. left-right balance 5. pedaling smoothness 6.cadence 7. ID	1. device connection 2. battery 3. power 4. left-right balance 5. pedaling smoothness 6.cadence 7. ID
Waterproof	IPX7	IPX7
Power Range	0-2500W	0-2500W
Cadence Range	20-240pm	20-240pm
Battery Life	260h	260h
Charging	Magnetic Charging	Magnetic Charging
Working Temperature	-20°C-50°C	-20°C-50°C
Compatible App	Zwift, Trainroad, Wahoo Fitness, Magene Utility	Zwift, Trainroad, Wahoo Fitness, Magene Utility
Compatible Bike Computer	Garmin, Magene, Wahoo, XOSS, igpsport, Blackbird, Bryton	Garmin, Magene, Wahoo, XOSS, igpsport, Blackbird, Bryton

# H803 Heart Rate Armband

Magene's first heart rate armband. Photoelectric dual-beam monitor, high heart rate warning, adjustable armband and IML technique allowing you a new accurate, comfortable and convenient option for exercise.

-   
Bluetooth
-   
ANT+
-   
IP67 Waterproof
-   
45h Battery Life

45h Battery Life

IP67 Waterproof

±1 BPM




ANT+, Bluetooth

HR Range 40-220 BPM



# H003 Heart Rate Monitor

Magene's new generation of heart rate monitor which updates and optimizes H64 version with brand new appearance, longer battery life and more stable performance.

-   
Bluetooth
-   
ANT+
-   
IP67 Waterproof
-   
1000h Battery Life

1000h Battery Life

IP67 Waterproof

±1 BPM

ANT+, Bluetooth

HR Range 30-240 BPM



# S314 Speed / Cadence Sensor

The product is more compact and exquisite. Anti-loss design ensures carefree usage. Brand new 3rd generation algorithm makes data accurate and reliable.

-   
Bluetooth
-   
ANT+
-   
IP66 Waterproof
-   
500h Battery Life

7.7g Net Weight

IP66 Waterproof

500h Battery Life

ANT+, Bluetooth

Support APP Settings



# Electronic Shifting System

## Magene 13-Speed System Full Groupset

Compatible with 13 speed, self-developed electronic shifting system, integrated with Magene crankset, power meter and wheelset.

## QED System Core Groupset

lightweight design, three shifting modes, compatible with 10-13 speed range, intelligent integration with bike computers and bike lights.



	QED Core Groupset (RB)	QED Core Groupset (DB)	Magene Full Groupset (DB)	Magene Super Groupset (DB)	Magene Full Groupset (DB) with power meter	Magene Super Groupset (DB) with power meter
Shifting/ Brake Lever	√	√	√	√	√	√
Front/ Rear Derailleurs	√	√	√	√	√	√
Brakes		√	√	√	√	√
Cassette			√	√	√	√
Chain			√	√	√	√
Crankset			√	√		
Crankset with Power Meter					√	√
wheelset				√		√

# PES System Core Groupset

Lower price.Using glass fiber instead of carbon fiber. almost all functions and performance of QED. compatible with 10-12 speed range, only core groupset.



	PES Core Groupset (RB)	PES Core Groupset (DB)
Shifting/Brake Lever	√	√
Front/ Rear Derailleurs	√	√
Brakes		√
Cassette		
Chain		
Crankset		
Crankset with Power Meter		
wheelset		



PES Electronic Shifting System

QED Electronic Shifting System

Weight (DB Core Groupset)	1250g	1150g
Material	Glass Fiber Reinforced Plastic	Carbon Fiber Injection Molding
Front Derailleur Response	300ms	300ms
Rear Derailleur Response	90ms	90ms
Front Derailleur Compatible Teeth Range	50-54T	50-54T
Rear Derailleur Compatible Teeth Range	34T	34T
Battery Life	2500km	2500km
Speed Range	10-12s	10-13s
Communication	2.4g/BLE/ANT+	2.4g/BLE/ANT+
Shifter Battery Life	18 Months	18 Months
Front & Rear Derailleur Battery Life	2500km	2500km
Seatpost Battery	7.4V 800mAh	7.4V 800mAh
Charging Time (0-100%)	3h	3h
DB/RB Conversion	√	√
Synchronized Shift	√	√
Customized Buttons	X,Y, Z	X,Y,Z
Multi-scenario Setup	√	√
Smart Connected Ecosystem	√	√