



ROTOR

SHIMANO

INSPIDER® MTB SHIMANO® COMPATIBLE

Power meter for MTB with Shimano® MTB compatible cranks



INSPIDER®
MTB
SHIMANO®
COMPATIBLE

ROTOR



INSPIDER® MTB SHIMANO® COMPATIBLE

Technical Specifications

› SIZE

Round&Oval chainrings

- › 30T
- › 32T
- › 34T
- › 36T

- › **Weight** w/o chainrings: 99 g
- › **BCD:** 100x4
- › **Measurement:** both legs (Right-Left combined)
- › **Power Accuracy:** +/-1.5%
- › **Battery life:** 350 hours (riding time)
- › **Battery specifications:** rechargeable Li-ion+USB cable

- › **Connectivity:** ANT+™ & Bluetooth® Smart compatible
- › **Water resistance:** IP67
- › **Frame compatibility:** all MTB frames
- › **Group compatibility:** Shimano® 1x12 | SRAM® 1x12 Eagle®
- › **Cranks compatibility:** Shimano® MTB cranks

INSPIDER® MTB SHIMANO® COMPATIBLE

Technical Specifications

DATA

| POWER |

| CADENCE |

| BALANCE | Estimated

| TORQUE 360 |

| OCA | Optimum Chainring Angle





INSPIDER® MTB SHIMANO® COMPATIBLE

Competitive Advantage

The new **INspider® MTB Shimano® Compatible** is presented with unique features that make it the best option for the least conformist cyclists.

BCD 100, which allows to mount chainrings, even oval ones, **from 30T**.

This power meter has been designed and manufactured in Spain with **7075-T6 aeronautical aluminium** manufactured by CNC machining by professionals who only seek to improve the performance of users.



INSPIRER® MTB SHIMANO® COMPATIBLE

Unlimited compatibility

There are no limitations, the INspider® MTB Shimano® Compatible is **compatible with all frames on the market.**

The new INspider® MTB Shimano® Compatible power meter **with a weight of 100 grams is one of the lightest Shimano®** crankset compatible options on the market.

The new aesthetic line of this power meter integrates more harmoniously with the bike, thanks to its marked **off-road style.**

INSPIDER® MTB SHIMANO® COMPATIBLE



Less is more

From amateur to pro

INspider® MTB Shimano® Compatible is **suitable for everyone**, from the beginner to the rider who pushes MTB to the limit.

Tougher than a rock

It will allow you to ride the toughest tracks without worry. The location of the power meter on the spider reduces the chance of impacts. Its **IP67 certification** ensures dust, water and mud tightness.



INSPIDER® MTB SHIMANO® COMPATIBLE

Less is more

Accuracy assured

Multiple measurements by revolution provide accurate data, even with oval Q RINGS chainrings. No matter the weather conditions, the **INspider® MTB Shimano® Compatible's thermal compensation** ensures accurate values in temperatures between -20°C and 50°C.

Know yourself to the fullest

ROTOR's own metrics, such as OCA and OCP, along with connectivity to **ANT+™ and Bluetooth® Smart** devices, make it a perfect tool for understanding and improving performance. Calibration available with all bike computers on the market.



Summary

- Power meter designed and manufactured in Spain with **7075-T6 aeronautical aluminum**.
- **Compatible with all frames on the market**.
- **Weight: 99 grams**
- **BCD 100x4** allowing the use of chainrings from 30 teeth.
- **Located on the spider, which reduces the possibility of knocks or impacts**.
- **IP67 certification** ensures dust, water and mud tightness.
- Accurate values at temperatures between -20°C and 50°C.
- Connectivity to **ANT+™ y Bluetooth® Smart**.



BCD100X4 CHAINRINGS

ROTOR





BCD 100X4 CHAINRINGS

The perfect combination

Universal Tooth

These chainrings incorporate Universal Tooth technology, which guarantees compatibility with 1x12 and 1x11 Shimano® and SRAM® chains, offering perfect chain engagement, optimum retention and low friction, while keeping the weight of the assembly very low.

Q RINGS or round chainrings

The new ROTOR BCD 100x4 chainrings are available in oval, our Q RINGS, the ROTOR trademark, as well as in round.



TECHNICAL SPECIFICATIONS

[MORE INFORMATION](#)

Weight w/o chainrings	99 g
Discipline	MTB
BCD	100x4
Chainrings type	Oval Q RINGS Round chainrings
Chainrings options	30T 32T 34T 36T
Groupsets compatible	Shimano® SRAM®
Measurement type	Both legs (Right-Left combined)
Power meter measurement	Power Cadence Balance (estimated) Torque 360 OCA (Optimum Chainring Angle)
Method of cadence measurement	Accelerometer
Power accuracy	+/- 1.5%
Battery life	350 hours (riding time)
Battery specifications	Recargable Li-ion + USB cable
Communication protocol	ANT+™ 2.4 Ghz Bluetooth® Smart
Water resistance	IP67
App	ROTOR Power (Available in Apple Store & Google Play)
Analysis software	<u>Compatible with most analysis software. We recommend ROTOR Power App & TrainingPeaks® à https://www.trainingpeaks.com/ROTOR</u>
Conectivity	ANT+™ & Bluetooth® Smart compatible
Compatible head units	<u>http://www.thisisant.com/directory</u>
Material	7075-T6 aluminum CNC - Black anodized