



ROTOR

2INPOWER® SL ROAD 2023

Power meter for road cycling





SUMMARY

Endeavor to improve

Who we are?

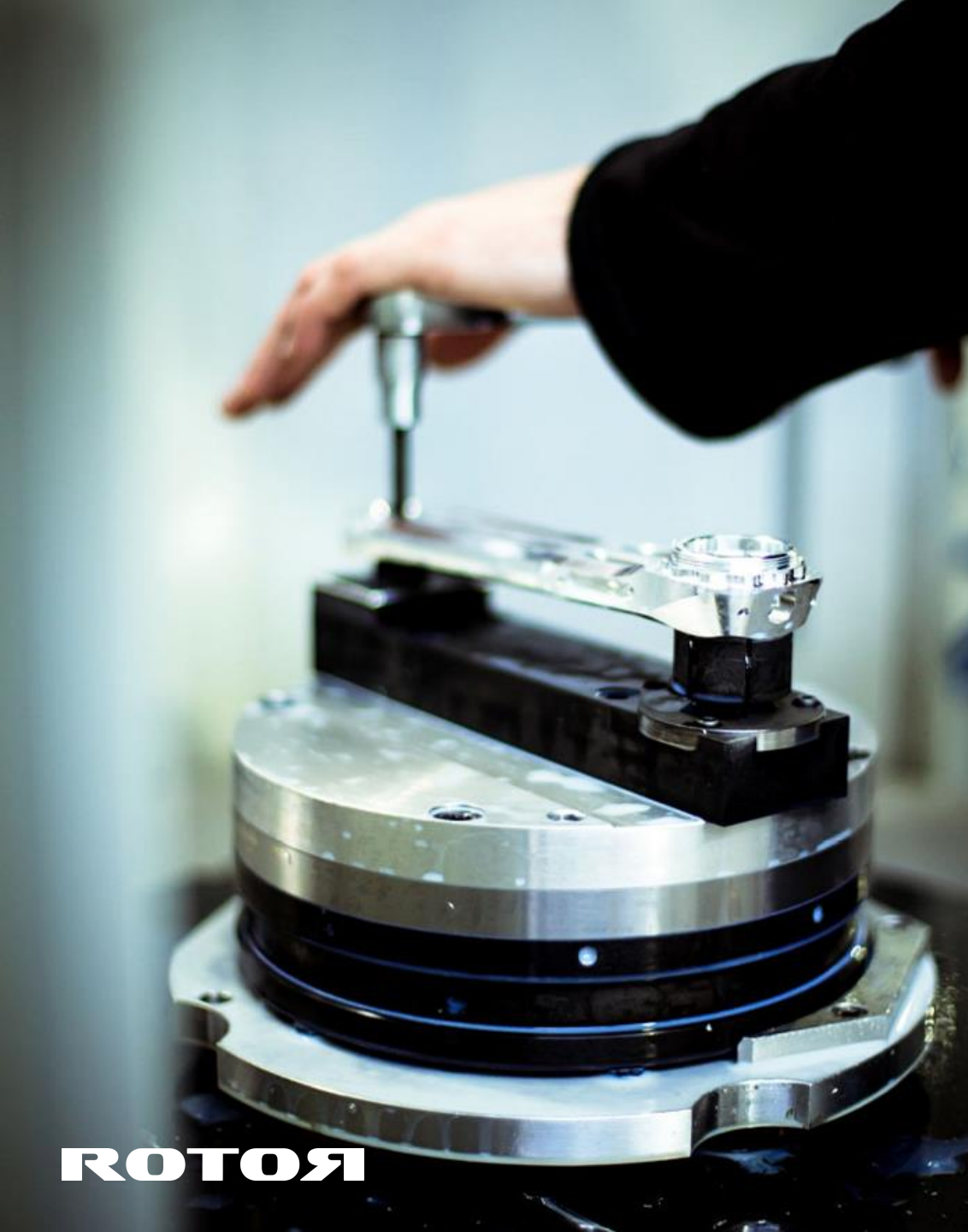
2INpower® SL 2023

ROTOR Power app

Technical specifications

Communication Plan

Resources



ROTOR

A HISTORY BEHIND

Endeavor to improve

Vision, perseverance, unwavering confidence, and gratitude - that's how ROTOR approaches new concepts to improve the riding experience of cyclists everywhere.

Performance drivetrain development is a key part of ROTOR's DNA.

When we set out to create our components, we poured all the experience and effort from our professional athletes and expert engineers into our most advanced and complete cranksets to date.

Each of our cranksets is masterful work of engineering based on the principles of lightness and stiffness.

Proprietary technologies, combined with aircraft-grade alloys, yield cranks with balanced material strength and exceptional stiffness-to-weight ratio.



A HISTORY BEHIND

We are

Inventors

You will find us at the intersection of innovation and engineering. Our customers motivate us to develop original solutions to evolve our experiences on the bike.

We unleash our creativity by inventing components that help all cyclists discover new ways to turn the pedals. We are inspired by what is possible within the boundaries of science, design, and purpose.

Manufacturers

We manufacture the products you install on your bike, from start to finish. You guide our purpose: crafting components with function and quality that consistently exceed expectations.

We are impatient on your behalf to achieve this - when we want to implement improvements, we do it in our factory in minutes instead of days or weeks.

Cyclists

As riders, we are able to enjoy the fruits of a job well done, a job conceived through our relentless search for improved ways to ride a bike.

Our passion for bikes is what strengthens our resolve to enhance your riding experience. Same as you, we live this lifestyle outside of office hours, every day, on every ride.



2INPOWER® SL

LET'S DIVE IN



THE MOST SOPHISTICATED POWER METER ON THE MARKET

Unmatched weight

ROTOR has developed a new road power meter that will make a difference in terms of weight and measurement accuracy.

The new **2INpower® SL** is considered the lightest dual power meter on the market, reducing weight compared to its previous version a **15% lighter**. The weight is **530g** (170mm) and **729g** (170mm R50/34T). It includes Trinity Drilling System technology, which makes this potentiometer the stiffest and lightest on the market.

This power meter has been designed and manufactured in Spain with **7075-T6 aeronautical aluminum** manufactured by CNC machining **ensuring the highest possible quality standard**. 100% designed, manufactured and assembled in Spain.



ZINPOWER® SL

Simplicity

Easier assembly

It is not new that more and more users are acquiring and assembling their components at home, because of this we wanted to make it easier for them, incorporating a **new self-extracting screw** that makes assembly and disassembly simple, even for the most inexperienced users, mechanically speaking.

The best transmission in the series

The Direct Mount anchoring system ensures a better transmission of torque, so that no watt is left behind. It is compatible with ROTOR BCD 110x4 spider or Direct Mount 1x or 2x chainrings.



2INPOWER® SL

Durability and autonomy

The position of the electronics, located inside the spindle, reduces the possibility of shocks or impacts. **IP67** certification ensures dust, water and mud tightness.

Weather conditions are not a problem, thanks to the thermal compensation that ensures **accurate values in temperatures between -20 and 50 °C.**

Rechargeable battery with an autonomy of **250 hours of riding time**, charged by magnetic connector via USB.



2INPOWER® SL

Accuracy and reliability

Since their creation, the 2INpower® range of power meters have been characterized by their accuracy and reliability regardless of use. **More accuracy (+/-1.5%) with sector measurement, even with QRINGS oval chainrings.**

The new aesthetic line of this power meter is integrated in a more aggressive way, marking the **racing character** that characterizes this crankset.

The 2INpower® SL is suitable **for everyone**, from the cyclist who is just starting out in watts power measurement to the professional who depends on power measurement to achieve his or her best success in every race. 3 years of warranty.



2INPOWER® SL

Performance and analysis

The 2INpower® SL has **independent power measurement on both legs**. This measurement, together with ROTOR's own metrics such as OCA and OCP, will allow you to know exactly your performance and even the ideal position of the Q RINGS oval chainrings.

Compatible with monitors/cyclocomputers with **ANT+™** and **Bluetooth®** Smart technologies.

ROTOR, a benchmark brand in the manufacture and development of power meters, with more than 10 years of experience.



2INPOWER® SL

Analysis and performance supported

Distinctive aesthetics

Its appearance will not leave anyone indifferent, with a modern design, stylized and cared for down to the smallest detail, as well as a new **gloss finish** that will make your bike different from the rest.

While maintaining the measuring gauges, the right crank width has been reduced to minimize weight as much as possible, without losing the stiffness that characterizes the 2INpower® SL.

The aesthetic line has been stylized, where the crank arms have been significantly reduced in visual weight.



OVERVIEW

Super-light power monitoring

- The lightest dual power meter for road cycling on the market, reducing weight by 15% compared to its previous version. Made with high-quality 7075-T6 aeronautical aluminum and is designed, manufactured, and assembled in Spain.
- The Direct Mount anchoring system ensures better transmission of torque, and the position of the electronics inside the spindle reduces the possibility of shocks or impacts. It is easy to assemble, even for inexperienced users.
- Autonomy of 250 hours of riding time and is rechargeable by a magnetic connector via USB. The power meter is compatible with monitors/cyclocomputers with ANT+™ and Bluetooth® Smart technologies.
- Precise performance analysis with independent power measurement on both legs. A modern and distinctive aesthetic design, with a new gloss finish, and a reduced crank width to minimize weight without losing stiffness. The power meter has a 3-years warranty.

"Since we launched INspider we have found that many people prefer to ride the spider power meter versus 2INpower, purely for weight, even having to give up certain metrics such as true balance or more complete biomechanical pedaling information.

Weight reduction was therefore the main goal for the 2INpower revamp, and that's what we've been working on for the past few years, iterating the mechanical design as many times as we needed to until we got what we wanted, to reduce weight considerably."

IRENE ALBACETE
ROTOR BUSINESS UNIT MANAGER

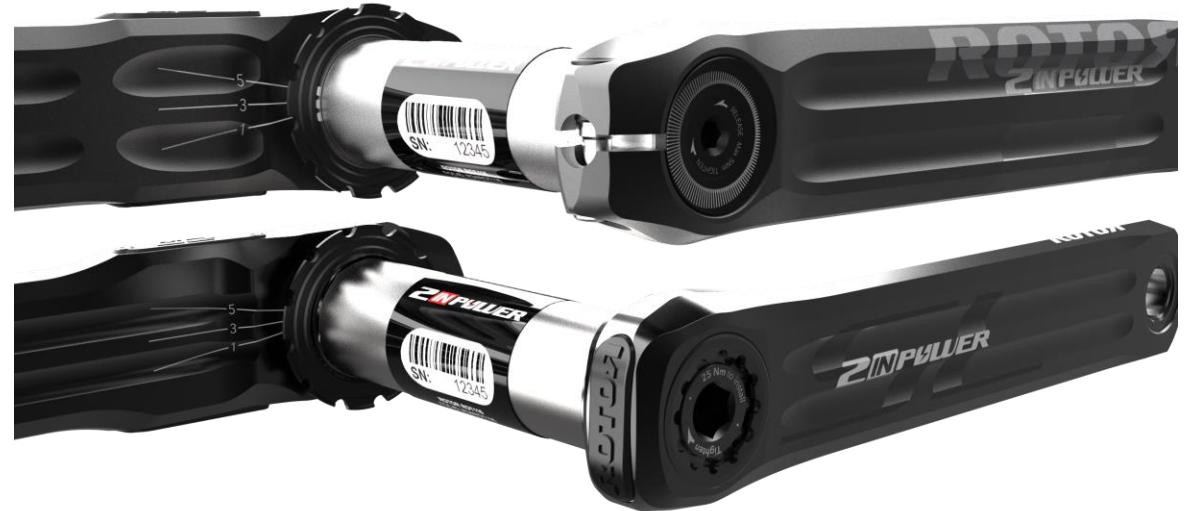
2INPOWER® SL W/ 12S CHAINRINGS



2INPOWER® SL W/ 12S AERO



2INPOWER VS. 2INPOWER SL





TECHNICAL SPECIFICATIONS

[MORE INFO](#)

Weight	530g(170 mm) 729g(170, R50/34T)
Discipline	ROAD
Crank lengths available	165 mm 170 mm 172.5 mm 175 mm
Axle	30 mm
Chain line	44.5 mm 2X 45.2 mm 1X
Q-Factor	147.5 mm
BCD	Direct Mount
Chainrings type	Oval Q RINGS Round chainrings
Chainrings options	Shimano® compatible: 46/36T 50/34T 52/36T 53/39T 54/39T 54/42T 55/42T 56/44T 58/44T SRAM® compatible: 48/35T 50/37T
Groupsets compatible	Shimano® SRAM®
Measurement type	Both legs (Right-Left independent)
Power meter measurement	Power Cadence Balance Torque effectiveness Pedal smoothness Torque 360 OCA
Method of cadence measurement	Accelerometer
Power accuracy	+/- 1.5%
Battery life	250 hours (riding time)
Battery specifications	Recargable Li-ion + USB cable
Communication protocol	ANT+™ 2.4 Ghz Bluetooth® Smart
Water resistance	IP67
App	ROTOR Power (Disponible en Apple Store & Google Play)
Analysissoftware	Compatible with most analysis software. We recommend ROTOR Power App & TrainingPeaks® → https://www.trainingpeaks.com/ROTOR
Conectivity	ANT+™ & Bluetooth® Smart compatible
Compatible head units	http://www.thisisant.com/directory
Material	7075-T6 aluminum CNC - Black anodized



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