



Product Technical Information





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Forped / Cycling Science, Ltd.

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Basic Components of the Product

Provided by the manufacturer:

- 2x base pedals
- Mounts: Look Keo, Shimano SPD-SL, Shimano SPD, Crank Brothers Eggbeater, Speedplay
- Crank position unit
- Frame position unit
- Chargers with cables
- Licensed Forped software for Android or PC



Technical Information

Sensors

Each pedal has a group of custom made optical sensors that are specifically designed to fit within the pedal. The sensors are pre-amplified within the pedal to ensure minimal noise and high reproducibility and accuracy. Pedals are calibrated by the manufacturer.

	Wireless
Nominal capacity, Fz+	1500 N
Nominal capacity, Fz-	400 N
Nominal capacity, Fx, Fy	300 N
Nominal capacity, Tx	10 Nm
Nominal capacity, Tz	6.5 Nm
Single axis overload	200 %
Non-linearity	< 2 %
Maximum sample rate	500 Hz
Pedal angle accuracy	0.2°
Crank angle accuracy	1°
External synchronization	No
Signal acquisition	Wireless
Software type	Tablet / PC
Software licence	Annual
Warranty	1 year
Technical support	Normal

Dimensions

No.	Part	Weight	Size
1	Pedal base	1.368 kg	n84 x 58 mm
2	Shimano SPD MTB	0.204 kg	20 x 56 x 58 mm
3	Look Keo	0.177 kg	25 x 56 x 80 mm
4	Shimano SPD-SL	0.158 kg	20 x 56 x 80 mm
5	Speedplay Zero	0.193 kg	19 x 45 x 56 mm
6	Crank Brothers Eggbeater	0.322 kg	22 x 56 x 65 mm
7	Crank position Unit	0.041 kg	17 x 26 x 37 mm

