

Technical Data for SRM Ergometer

Key Features	Specifications
Ergometer stand (point of reference: bottom bracket centre)	
Saddle position, horizontal adjustment range +/-	55cm - 85 cm
Saddle position, vertical adjustment range +/-	-15cm - 10 cm
Handlebar position, horizontal adjustment range, middle of stem +/-	45cm - 65 cm
Handlebar position, vertical adjustment range, middle of stem +/-	35cm - 60 cm
Colour	black
Weight	100 kg
Brake	
Eddy current brake driven by a toothed belt, damped bedding	service voltage +/- 30V
Flywheel mass with changeable mass moments, can be adjusted to the test person's weight via gearbox (gear transmission ratio) and weights.	50 kg - 100 kg
Braking power (short-term; sustained)	4000 Watt; 2000 Watt
The athlete's power is measured with the SRM Powermeter Professional on the bottom bracket and with the SRM Powercontrol. The data gained with this kind of power measurement is not affected or distorted by the Eddy current brake nor by mechanical parts of the gearbox. The athlete's power is measured directly at the point of output, on the cranks. You will find more details in the technical information of the SRM Training System.	
Crank length (SRM multi-length crank)	Adjustable from 150 - 190mm in steps of 2.5mm
Simultaneous transmission of data to PC via serial interface	yes, RS232
Optional pedalling torque analysis	yes, with special Powercontrol
Ergometer Software ONLINE	
Ergometer programmable with self-created ergometric data	Power or cadence
It is possible to change between these two ergometric modes during operation	minimum constant for 1 second
Adjustable flywheel mass operation with an air resistance of a simulative brake force	power regulation depending on performed cadence or speed
Possibility of data evaluation/data download (SRM Windows software required for this), Data evaluation is analogue to the data evaluation in mobile operation - Marking of power ranges, saving of all power data with additional information, data monitor or printout	graphic, tabular, statistically, zoom function, data export as ASCII file
Settings on the PC monitor	
System requirements	BM compatible, RS232 interface, Windows for SRM Win software
Syntace handlebars	yes
Miscellaneous	
Guarantee	2 years
Delivery time	approx. 6-8 weeks