

Technical Data for SRM Ergometer

Key Features	Specifications
Ergometer stand (point of reference: bottom bracket center)	
Fully adjustable: saddle position and handlebars can be adjusted to any position for cyclists between 4' 7" and 6' 7" – from a racing position down to a relaxed upright position	
Saddle position, horizontal adjustment ±	21 ½" - 33 ½"
Saddle position, vertical adjustment range ±	- 6" - 4"
Handlebar position, horizontal adjustment range, middle of stem ±	17 ¾" - 25 ½"
Handlebar position, vertical adjustment range, middle of stem ±	13 ¾" - 23 ½"
Color	black
Weight	220lbs
Brake	
Eddy current brake driven by a toothed belt, damped bedding	Service voltage ±30V DC
Flywheel mass with changeable mass moments, can be adjusted to the test person's weight via gearbox (Gear transmission ratio) and weights.	Body weight from 110-220lbs
Braking power (short-term; sustained)	4000Watts; 2000 Watts
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 or 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
Pedaling torque analysis	included
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

Technical Data for SRM Ergometer

Ergometer Software ONLINE	
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	included
System requirements	IBM compatible, RS232 interface, Windows for SRMWin software
Miscellaneous	
Warranty	1 year
Delivery time	approx. 6-8 weeks