

CERVÉLO R3 CARBON



Black, stiff and light: At this time no manufacturer exploits the properties of carbon fiber as well as Cervelo. With the R3, simply everything is correct.



How to make a frame supers-tiff yet extremely light proves Cervelo. And apparently the 850 grams of the R3 can even be topped, the new Bayonne model is rumored to break the ¾ kg mark.

The oversized tubes with in some areas almost square cross sections as well as the concentration of material in the bottom bracket area are visually challenged by the forbiddenly-thin seatstays which again are in contrast with the voluminous chainstays and the minimalist dropouts. The impressive stiffness

DAS SAGT MARCEL WÜST

The frame doesn't just move you optically, it is also very stiff and its componentry is more than suitable for every-day use. The fairly bulky Syntace bar is sufficiently stable, and not only for mountain goats. With the Lightweight wheels and the Campy record group, this bike is a true delight. I fully recommend it.



scores prove that the concept of Mr. Vroomen and White works, and together with the minimal weight they turn this into a real rocket. Also top with respect to acceleration are the stiff and superlight Lightweight wheels.

Another highlight are the Clavicula full-carbon cranks, which weigh just over 400g including the bottom bracket. The TA chainrings weigh another 120g. As a comparison, a DuraAce crankset weighs around 740g. The stiffness of the clavicula cranks is slightly above DuraAce and above the stiffness of other carbon cranks.

The black brakes as well as the carbon Ergopower levers match this carbon bike perfectly. The levers are mounted on a 31.8mm Syntace carbon bar and Aluminum stem. The slight rearward bend on the bars allows for a



comfortable grip and a slightly more upright position.

If desired, one could easily make this bike more affordable: Switch the Lightweights for a set of FRMs or light Mavic Ksyriums and you save 3000 Euros for an additional weight of maybe 500 grams. That would put the bike at just over 6kg (13.2 lb) without pedals, making it a nightmare for any pro mechanic who would have the unenviable task of distributing 800 grams of weights over the bike.

MESSWERTE			
Frame	bb stiffness (higher is better)	Headtube stiffness (higher is better)	Weight
Cervelo R3	169,4N/mm	8,74N/mm	857g
Wilier (Oversize Scandium Al)	124,8N/mm	8,47N/mm	1185g
Litespeed Ghisallo	81,22N/mm	4,80N/mm	887g +15g for headscups

	Company/Model	Weight (g)	Notes	Price (Euro)
Frame	Cervelo R3	857	inkl. Zugführung, Sattelklemme	2.499 (Rahmen, Gabel, Steuersatz)
Fork	Cervelo Wolf	338		
Headset	FSA	78		
Stem	Syntace Force 119 titan	120		108 (zzgl. 6 x 3,50 für Titanschrauben)
Handlebar	Syntace Racelite Carbon 31,8	174		238
Seatpost	FSA Sattelst. Carbon	256		k. A.
Saddle	Selle Italia SLR C64 Carbon	78		390
BB	THM			
Cranks	THM Clavicula	416	inkl. Innenlager	798
Chainrings	TA 88+34 g	122		k. A.
Chainring bolts	FRM	8		14,90
Chain	Campagnolo Record	244		k. A.
Hubs	Lightweight Obermeyer (VR incl. Conti 710 g, HR incl. Conti 850 g)	1560		3690
Quick Releases	Tune	52		87
Cassette	Record + Titanritzel 11-23	150		k. A.
Spokes				
Rims				
Tires	Conti Competition			2 x 59,95
Tubes				
Rear Derailleur	Campagnolo Record	184		k. A.
Front Derailleur	Campagnolo Record	70		k. A.
Shift levers	Campagnolo Record	324		k. A.
Brake levers				k. A.
Brakes	Campagnolo Record	310		k. A.
Handlebar tape	Cork	40		6
Small parts	DTKassettenverschlussring	14		
Housing	Campagnolo Zugset	160		k. A.
Total		5541		ca. 9100

