

Metric	Specification	Imp	Units	Nominal Value	Ideal Value	Test
1	Lifespan of Parts	9	cycles	1,200	2080	
2	% of COTs	3	-	70-80	80-90	
3	Tilt Degrees	9	degrees	20	-	Physical Riding and Recording of Tilt Angle
4	Range of Resistance	9	lbs	150	-	Physical Riding
5	Clearance Height of step through	9	inches	<12	<6	Leg Lifting Capability
6	Footprint of Bike	3	feet	4.5'x3.5'	-	
7	Accuracy of Speed	1	rpm	1	0.5	Mfg Spec
8	Accuracy of Time	1	seconds	1	0.5	Mfg Spec
9	Levels	3	decibels	60	50-70	Audible Recordings
10	Brightness of LEDs - Green	3	lumens	2000 or 5000	-	Mfg Spec
11	Brightness of LEDs - Yellow	3	lumens	700	-	Mfg Spec
12	Red	3	lumens	1000	-	Mfg Spec
13	Remain Locked/Stable	9	lbs	300	>300	Force Test
14	Tolerance on Constant Resistance	3	lbf	<3	<1	Force Test
15	Weight of Bike	3	lbs	100-150	75-100	Weigh Bike and/or all components
16	Line of Sight	9				No Obstruction when viewed from all seat height settings
17	Centered Range on Display	1	inches	-	±1/8	
18	Height	9	feet	-	1.5	
19	Range of Handlebar Height	9	feet	-	1.5	
20	Range of Motion of Handlebars	3	degrees	-	45 cw/ccw	