

6. Comparison table for all models

Simucube 2 model	Sport	Pro	Ultimate	Simucube 1
Simucube Wireless Wheel™ support	Yes	Yes	Yes	Yes (addon module)
Simucube Quick Release™	Yes	Yes	Yes	Not included
Torque reconstruction processing	Yes	Yes	Yes	Yes, basic
Static force reduction ¹⁶	Yes	Yes	Yes	No
Natural damping, inertia and friction filters	Yes	Yes	Yes	Yes
Ultra low latency mode ¹⁷	Yes	Yes	Yes	No
Adjustable torque slew rate limit ¹⁸	No	Yes	Yes	No
Non-linear force saturation ¹⁹	No	Yes	Yes	No
Super Fine tuning filters ²⁰	No	No	Yes	No
Factory calibration	Cogging calibrated	Multi torque cogging + ripple	Unique multi torque cogging + ripple (certificate included)	No
Max torque	17 Nm	25 Nm	32 Nm	Depends on motor
Max torque slew rate	4.8 Nm/ms	8.0 Nm/ms	9.5 Nm/ms	Depends on motor
Angle sensor resolution	22 bit	22 bit	24 bit	Depends on sensor
Torque Off button	Standard (premium optional)	Standard (premium optional)	Premium	Depends on distributor
Power supply	280 W	2 x 280 W	1000 W	Depends on motor and

16 Take benefits of full torque dynamics range without the need of gym training to turn the wheel. This filter will allow reducing the static torque needed to turn the wheel on heavy cars while passing thru all the fine force details to give a competitive advantage to the Simucube driver.

17 Minimizes the delay between simulator and driver giving better responsivity and less oscillation

18 Reduces the sharpness of the kick in high torque spikes

19 Reduces peak torque in non-linear way

20 Allows fine adjustment of detailed filter parameters

				distributor
Physical size	130 x 130 x 250 mm	130 x 130 x 270 mm	115 x 115 x 310 mm	Depends on motor
Fixing holes	M8 x 4 pcs threaded	M8 x 4 pcs threaded	9mm dia x 4 pcs. through hole	Depends on motor
Screw bolt pattern dia	145 mm	145 mm	130 mm	Depends on motor
Flange centering hole dia	110 mm	110 mm	110 mm	Depends on motor