



QUBIC SERIES

QS-CH1



10cm



290_{kg}

PAYLOAD

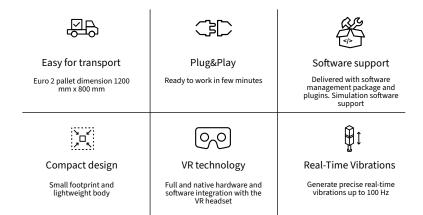




MOTION CHASSIS QS-CH1

QS-CH1 is a brand new, modular, and flexibly configurable training product dedicated for advanced land vehicles and city car driving simulation. QS-CH1 is a part of the Qubic System product's series. By using a number of expansion accessories, including manipulators and dedicated peripherals, it is possible to quickly build a simulator for future drivers or vehicle operators. The motion system consists of 3 DOF platform with electric actuators that provide cues for vehicle acceleration, road curvature and obstacles such as sidewalks and potholes.

KEY FEATURES





GENERAL SPECIFICATION QS-CH1

SYSTEM PERFORMANCE

	Q-MODE 230V	PERFORMANCE MODE 115 / 230V	HEAVY DUTY MODE 115 / 230V
MAXIMUM ACCELERATION	0.8G*	0.7G*	0.4G*
HEAVE	100 mm		
PITCH	-5.1°, 5.1°		
ROLL	-7.9°, 7.9°		

^{*} value of acceleration is limited for safety reasons

PAYLOAD SPECIFICATION

	Q-MODE	PERFORMANCE MODE	HEAVY DUTY MODE
	230V	115 / 230V	115 / 230V
PAYLOAD	140 kg 308 lb	190 kg 418 lb	290 kg 639 lb

MAIN DIMENSIONS

TOTAL WIDTH	856 mm 33.7 in
TOTAL HEIGHT	763 mm 30 in
TOTAL LENGTH	1426 mm 56 in

POWER REQUIREMENTS 3DOF CONFIGURATION

	Q-MODE 230V	PERFORMANCE MODE 115 / 230V	HEAVY DUTY MODE 115 / 230V
AVERAGE POWER CONSUMPTION	260W	270W / 280W	462W / 436W
PEAK CURRENT FOR BREAKER SPECIFICATION	5.17A	7.35A / 4.55A	9.89A / 5.88A

SUPPORTED TECHNOLOGIES

VR HeadWay, plugin to VBS3/4, auto diagnostic, auto calibration, platform manager - ForceSeatPM (free of charge)



MAIN **DIMENSIONS**

