



# QUBIC SERIES QS-CH1

**3**DOF

**10**cm



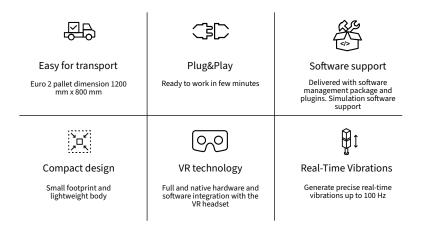




# MOTION CHASSIS QS-CH1

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		
РІТСН	-5.1°, 5.1°		
ROLL	-7.9°, 7.9°		
* value of acceleration is limited for safety reasons			
PAYLOAD SPECIFICATION			
PAYLOAD	300 kg   662 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

