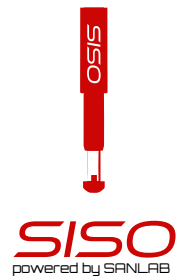


SIMV9TO

powered by SANLAB

Ultra Realistic Driving Experience





3DOF VERTICAL AXIS MOTION PLATFORM

Engineered by SANLAB, the SISO vertical axis motion platform delivers unmatched precision and realistic motion feedback with Beckhoff actuators



SOFTWARE

From code to control SIMVATO's software ensures full system integration and precision in every motion

SIMVATO

Ultra Realistic Driving Experience



REAL TIME RESPONSE

Instant data transmission ensures the most lifelike feedback



COMPATIBILITY ACROSS DIVERSE GAMES

Works seamlessly with various games, from racing to flight simulations



USER-FRIENDLY DESIGN

Engineered for easy setup and operation. Oil maintenance free mechanical structure

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SANLAB
Explore the Immersive World

Feel every detail of the racetrack and immerse yourself in realism



SPECIFICATIONS

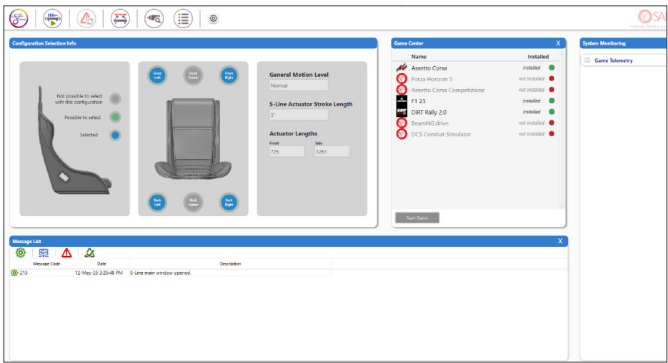
Static Stroke	86 mm
Dinamic Stroke	76.2 mm
Electro-Mechanical Actuators	4
Degrees of Freedom	3
Single Actuator Payload	125 kg
Gross Payload	500 kg

Operating Voltage	220V
Operating Temperature	0-55 °C
Frequency Range	0-100 Hz
Connection Interface	USB/Ethernet

Axes	Position	Velocity	Acceleration
Heave	±0.0381 m	±0.1 m/s	±9.81 m/s ²
Roll*	±7.4 °	±19.8 °/s	±1900 °/s ²
Pitch*	±7.4 °	±19.8 °/s	±1900 °/s ²

SOFTWARE

- **Actuator configurations** can be easily selected; under-seat 3DOF (Degrees of Freedom) setups are visually represented via a clear graphical layout.
- **General motion level and actuator stroke** lengths can be adjusted to suit different simulation scenarios.
- **Real-time system monitoring** is enabled through the "System Monitoring" module, allowing users to track telemetry connections, motion data, and status messages in detail.



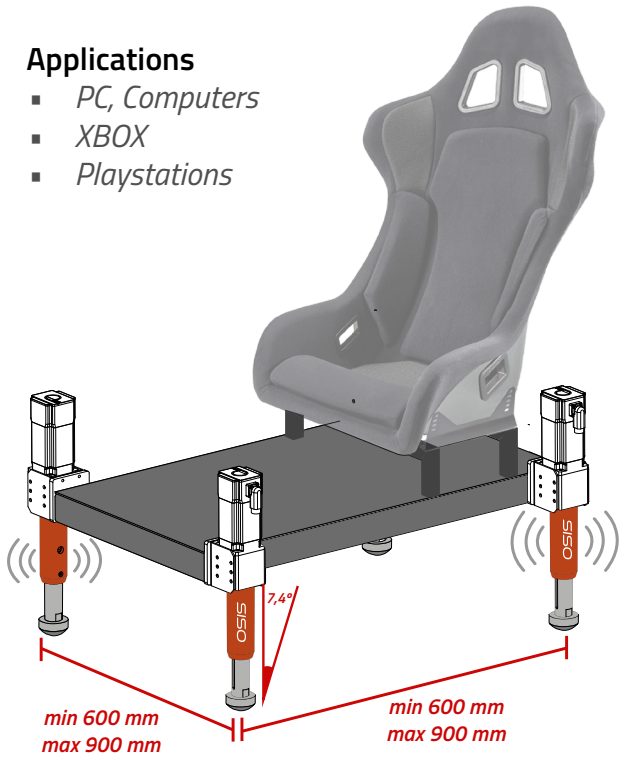
SIMVATO User Interface

ABILITIES

- Real-time Monitoring of System Variables
- Prototype Testing
- Joystick Control
- Roll and Pitch Motion Realization
- Component Validation
- User Friendly GUI

Applications

- PC, Computers
- XBOX
- Playstations



*for the minimum placement value (600x600mm)