



SM500-E3D

FLIGHT SIMULATOR

SANLAB

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SM500-E3D

IMMERSIVE FLIGHT FEEL

3DOF Flight Simulator delivers precise pitch, roll and heave motion for realistic aviation training in a compact footprint. Four synchronized electro-mechanical actuators provide instant, lifelike feedback for every climb, bank and touchdown.



FORM & FUNCTION

Its low-profile frame, oil-free actuators and encoder-based feedback provide safe, accurate and repeatable motion for training and entertainment, while the compact footprint allows installation in classrooms, offices and exhibition spaces without special floor preparation.



FULL FLIGHT SOFTWARE COMPATIBILITY

From military combat to civilian aviation, 3DOF Flight Simulator supports a growing list of simulation titles, all powered by SANLAB motion realism. Compatible with DCS (Digital Combat Simulator), Prepar3D and custom software integration.

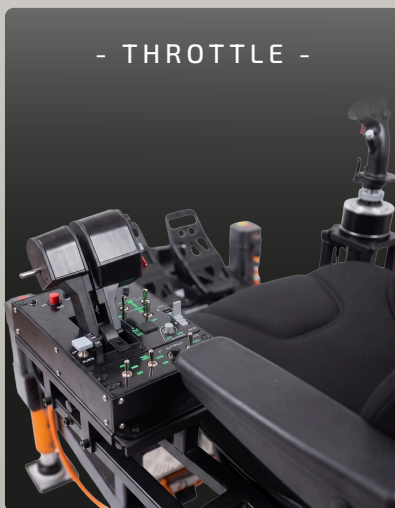


FLIGHT CONTROLS

- JOYSTICK -



- THROTTLE -



- RUDDER PEDALS -



FLIGHT SIMULATOR

SM500-E3D



3DOF Motion

Pitch, roll and heave with
4 synchronized actuators



Payload Capacity

500 kg total,
125 kg single actuator



User-Friendly Design

Easy setup,
oil-free design



Customizable

Integrates with custom
software and cockpit layouts

PERFORMANCE SPECIFICATIONS

	Position	Velocity	Acceleration
Heave	$\pm 38.1 \text{ mm } (\pm 0.0381 \text{ m})$	$\pm 0.1 \text{ m/s}$	$\pm 9.81 \text{ m/s}^2$
Roll	$\pm 7.4^\circ$	$\pm 19.8^\circ/\text{s}$	$\pm 1900^\circ/\text{s}^2$
Pitch	$\pm 7.4^\circ$	$\pm 19.8^\circ/\text{s}$	$\pm 1900^\circ/\text{s}^2$
Payload Capacity	500 kg	Single Actuator Payload	125 kg
Dynamic Stroke	76.2 mm	Static Stroke	86.0 mm
Power Supply	380VAC $\pm 10\%$, 3ph, 50/60Hz	Motion Platform	SMotion500-E3D

CONTACT US

Committed to customer satisfaction,
we deliver tailored support solutions
designed to meet your specific
operational requirements.

