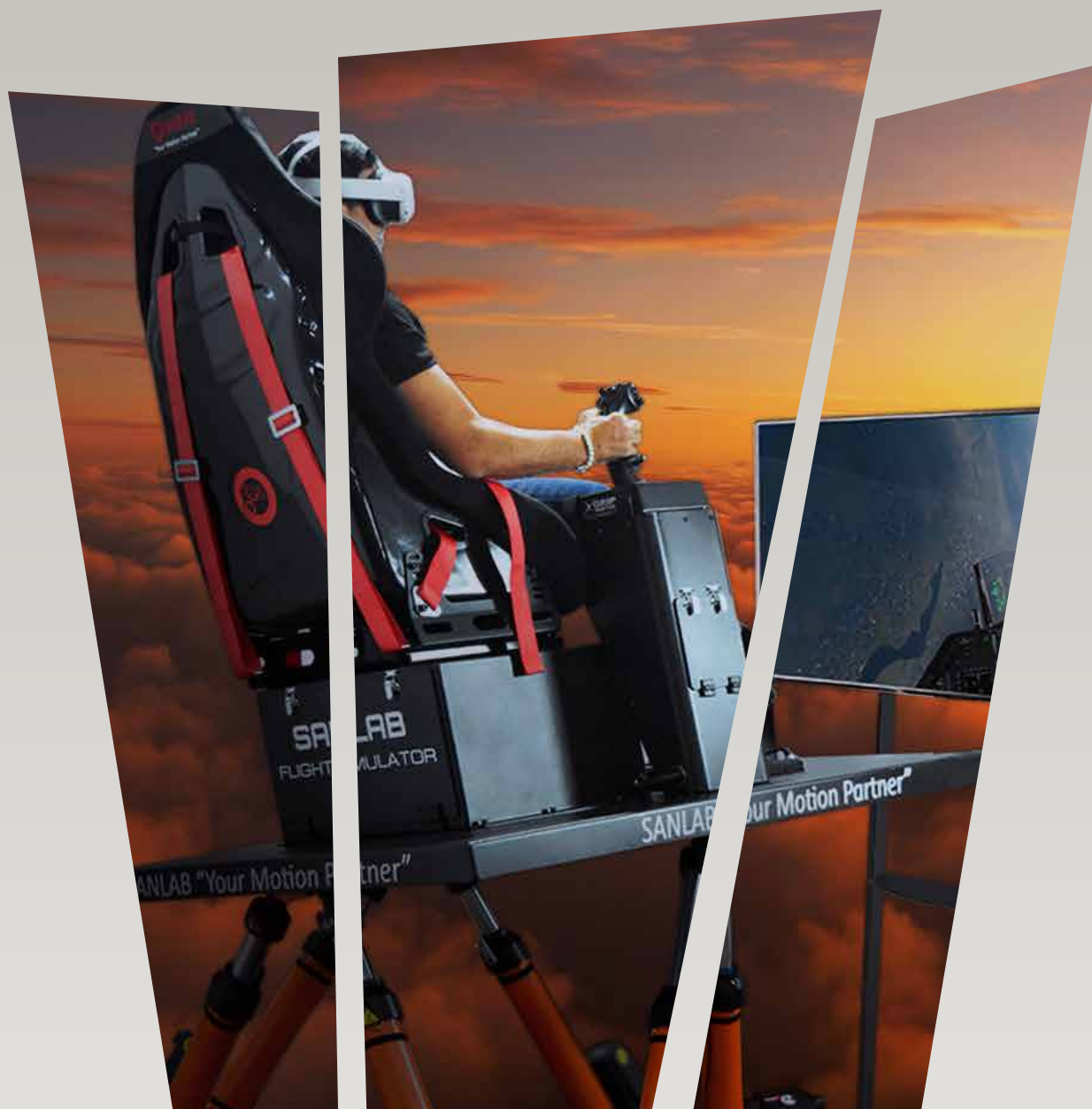




SM200-200-C02-E6D

FLIGHT SIMULATOR

**SANLAB**

# FLIGHT SIMULATOR

SM200-200-C02-E6D

## ELEVATING FLIGHT SIMULATION TO NEW HEIGHTS

Experience unparalleled realism with SANLAB's 6DOF motion platform. Every pitch, roll, and heave is faithfully recreated, allowing you to feel the subtle nuances of flight dynamics from takeoff vibrations to high-G maneuvers just as if you were in a real aircraft.



## AUTHENTIC COCKPIT ENVIRONMENT

Train in an environment that mirrors real-world aircraft cockpits. With authentic controls, instruments, and cockpit layout, SANLAB Flight Simulator ensures that every action feels genuine, making the transition from simulation to actual flight seamless.



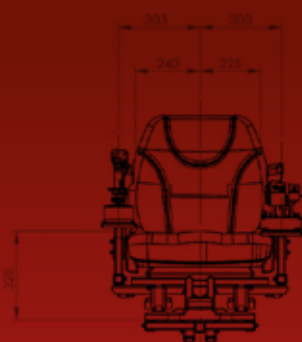
## EXPERIENCE IMMERSIVE FLIGHT WITH VIRTUAL REALITY

Step inside the cockpit with VR integration and immerse yourself completely in the virtual sky. From turbulent flights to precision maneuvers, the VR headset places you at the center of the action, letting you see and feel every detail in stunning realism.

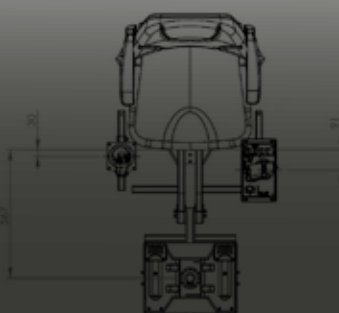


## SYSTEM ARCHITECTURE

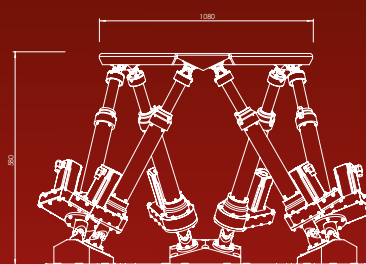
-COCKPIT MODULE FRONT -



-COCKPIT MODULE TOP -



-MOTION PLATFORM -



# FLIGHT SIMULATOR

SM200-200-C02-E6D



**6 Degrees of Freedom**  
Provides accurate feeling  
with 6DOF Motion Platform



**Multi-Payload Compatibility**  
Supports multiple payload  
aircraft systems



**Rugged Construction**  
Durable against impacts,  
environments



**Modular Design**  
Allows customization for  
different payload needs

## PERFORMANCE SPECIFICATIONS

|       | Velocity       | Acceleration               | Excursion<br>Single Axis | Excursion<br>Multi Axis |
|-------|----------------|----------------------------|--------------------------|-------------------------|
| Surge | $\pm 0.50$ m/s | $\pm 5$ m/s <sup>2</sup>   | -0.15 m - 0.18 m         | -0.21 m - 0.20 m        |
| Sway  | $\pm 0.50$ m/s | $\pm 5$ m/s <sup>2</sup>   | -0.15 m - 0.15 m         | -0.22 m - 0.22 m        |
| Heave | $\pm 0.47$ m/s | $\pm 6$ m/s <sup>2</sup>   | -0.13 m - 0.12 m         | -0.13 m - 0.11 m        |
| Roll  | $\pm 53$ °/s   | $\pm 400$ °/s <sup>2</sup> | -23.10 ° - 23.10 °       | -29.29 ° - 29.29 °      |
| Pitch | $\pm 53$ °/s   | $\pm 400$ °/s <sup>2</sup> | -22.60 ° - 24.00 °       | -32.94 ° - 31.11 °      |
| Yaw   | $\pm 60$ °/s   | $\pm 500$ °/s <sup>2</sup> | -28.90 ° - 28.90 °       | -33.18 ° - 33.18 °      |



## CONTACT US

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