

PROFESSIONAL SERIES PS-3TM-350

3^{DOF}

ARCHITECTURE

350^{kg}

PAYLOAD

53^{cm}

MIN HEIGHT



260^{kg}

WEIGHT

6^{kw}

MAX POWER CONSUMPTION



MOTION PLATFORM PS-3TM-350

The PS-3TM-350 motion platform is the most compact machine from the 3DoF Motion Systems professional series. The platform was designed for customers who require reliability and impressive dynamic and performance. Self stabilization and unprecedented precision offers wide range of possible application in automotive, defence or entertainment sector. Smoothness and movement repeatability makes it great testing and verification tool. PS-3TM-350 motion system is the ultimate solution for open cabin small motion simulators for applications where 6DoF is not necessary.

KEY FEATURES

<p>Movement repeatability High ability to generate vibrations and incredible movement repeatability</p>	<p>Compact design Small footprint and lightweight body</p>	<p>Safety Safe mechanical design resistant to electronic failures. Safety Integrity Level up to 3</p>	<p>Software support Control all our motion platforms using one of our SDK</p>
<p>Unleashed performance Impressive dynamics and performance</p>	<p>Super silent Extremely quiet and smooth operation</p>	<p>VR technology All our motion platforms work in VR environment with VR HeadWay technology</p>	<p>Warranty Global technical support and gear lifetime up to 10 years of operation</p>

GENERAL SPECIFICATION

	Excursions		Velocity	Acceleration
	Single DOF	Non-single DOF		
HEAVE	- 0.13 m, + 0.14 m - 5.1 in, + 5.5 in	- 0.13 m, + 0.14 m - 5.1 in, + 5.5 in	0.266 m/s 10.4 in/s	5 m/s ² 196 in/s ²
ROLL	- 20.0°, + 20.0°	- 20.0°, + 20.0°	50°/s	250°/s ²
PITCH	- 17.1°, + 17.1°	- 22.3°, + 24.5°	60°/s	250°/s ²
PAYLOAD	350 kg / 770 lb			
PRODUCT WEIGHT	260 kg / 570 lb			
TOTAL WIDTH	1115 mm / 44 in			
TOTAL HEIGHT	596 mm / 23.5 in			
TOTAL LENGTH	1317 mm / 52 in			
POWER SUPPLY REQUIREMENTS	200-250 VAC Single (for 230-250V) or phase-to-phase voltage (for 100-130V)			
MAX POWER CONSUMPTION	6 kW			
ADDITIONAL HARDWARE	Power Cabinet PS-SB230 (with pilot), Electromagnetic Safety Brakes			

ADD-ONS & ACCESSORIES

Wheels and feet, Extended Top Frame, Spare parts

OUR SOFTWARE

Platform Manager - ForceSeatPM (free-of-charge), Motion SDK - ForceSeatDI, Motions SDK - ForceSeatMI, Motion Theater

GENERAL DIMENSIONS

