



#### PROFESSIONAL SERIES

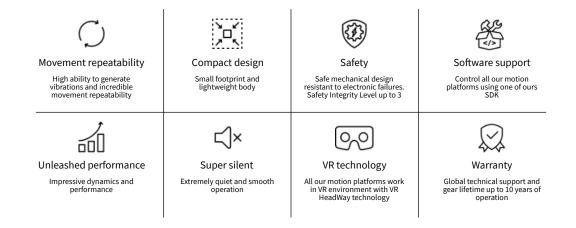
# **PS-3TM-350**



## **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, defense 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**





# **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/s² 196 in/s²	
ROLL	- 20.0°, + 20.0°	- 20.0°, + 20.0°	50°/s	250°/s²	
PITCH	- 17.1°, + 17.1°	- 22.3°, + 24.5°	60°/s	250°/s²	
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 23	200-250 VAC Single (for 230-250V) or phase-to-phase voltage (for 100-130V)			
AVERAGE POWER (WATTS)	884 W	884 W			
AVERAGE POWER (VA)	1467 VA				
PEAK POWER (VA)	3477 VA				
PEAK CURRENT (AMPS)	15 A				
CONNECTION	USB   Ethernet	USB   Ethernet			

## **ADD-ONS & ACCESSORIES**

Wheels and feet, Extended Top Frame, Spare parts

## **OUR SOFTWARE**

 $Platform\ Manager\ -\ Force SeatPM\ (free-of-charge), Motion\ SDK\ -\ Force SeatDI, Motions\ SDK\ -\ Force SeatMI, Motion\ Theater$ 

## **GENERAL DIMENSIONS**

