![MotionSystems]

PROFESSIONAL SERIES
PS-6TM-150

6DOF
ARCHITECTURE

150kg
PAYLOAD

34cm
MIN HEIGHT

305kg
WEIGHT

4,3kW
MAX POWER CONSUMPTION

RoHS · REACH COMPLIANT · CE

MOTION PLATFORM **PS-6TM-150**

The PS-6TM-150 motion platform is the smallest 6DoF in professional series. It is the most compact, but yet powerful and reliable unit greatly applicable into single implementations for simulation and entertainment. Smooth movement with impressive angles gives a lot of possibilities in testing and verification for industry purposes. Due to VRHeadway, all virtual reality applications work easy and perfectly both home and professional use.

KEY **FEATURES**

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

GENERAL **SPECIFICATION**

	Excursions	
	Single DOF	Non-single DOF
HEAVE	- 0.11 m, +0.12 m	- 0.11 m, +0.12 m
ROLL	- 26.0°, +26.0°	- 29.0°, +29.0°
PITCH	- 25.0°, +25.6°	- 30.0°, +33.0°
YAW	- 22.5°, +22.5°	- 25.0°, +25.0°
SURGE	- 0.10 m, +0.12 m	- 0.12 m, +0.13 m
SWAY	- 0.10 m, +0.10 m	- 0.11 m, +0.11 m
PAYLOAD	150 kg	
PRODUCT WEIGHT	305 kg	
TOTAL WIDTH	1145 mm	
TOTAL HEIGHT	337 mm	
TOTAL LENGTH	1273 mm	
POWER SUPPLY REQUIREMENTS	200-250 VAC Single (for 230-250V) or phase-to-phase voltage (for 100-130V)	
MAX POWER CONSUMPTION	4,3 kW 17 Amps	
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,

GENERAL **DIMENSIONS**