

PROFESSIONAL SERIES

# PS-240



**800kg**

PAYLOAD (3DOF - 2x PS-240)

UP TO **3 DOF**

ARCHITECTURE

**30Hz**

REAL TIME VIBRATION UP TO

**40mm**

ACTUATOR STROKE

## SET OF LINEAR ACTUATORS PS-240

The PS-240 is a motion solution based on the linear actuator's technology. The PS-240 motion set includes two linear actuators and the control unit.

The motion system is dedicated to projects where it is necessary to reproduce real time vibrations, such as helicopter flight simulation or in the professional entertainment applications, for example haptic floors in VR centers.

## KEY FEATURES



**Real time vibration**

Based on patent pending linear actuators technology



**Compact Design**

Small footprint and lightweight body



**Modular and reconfigurable**

Quick integration with external actuators set from 2 to 3 DOF



**Plug&Play**

Ready to work in few minutes



**Software support**

Control all our motion platforms using one of ours SDK



**VR technology**

Full and native hardware and software integration with the VR headset

# GENERAL SPECIFICATION **PS-240**

## SYSTEM PERFORMANCE

	VELOCITY	ACCELERATION
HEAVE	125 mm/s 4.92 in/s	1500 mm/s <sup>2</sup>
ROLL	DEPENDS ON TYPE OF FRAME	DEPENDS ON TYPE OF FRAME
PITCH	DEPENDS ON TYPE OF FRAME	DEPENDS ON TYPE OF FRAME

\*value of acceleration is limited for safety reasons.

## MAXIMUM PAYLOAD SPECIFICATION

MAXIMUM PAYLOAD FOR 3 DOF CONFIGURATION (2x PS-240)	800 kg   1764 lb
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## MAIN DIMENSIONS

TOTAL WIDTH	121 mm   4.76 in
TOTAL LENGTH	248 mm   9.76 in
MIN HEIGHT	345.83 mm   13.62 in

## POWER REQUIREMENTS

	2 ACTUATORS	4 ACTUATORS
AVERAGE POWER	0.5 kVA	1 kVA
PEAK POWER	1.1 kVA	2.2 kVA
PEAK CURRENT	5 A	10 A
AVERAGE POWER (STRESS TEST)	0.25 kW	0.5 kW
AVERAGE POWER (TYPICAL GAME)	0.1 kW	0.2 kW

