

TRUE Q[®]

DYNAMIC MOTION SEATS



VMAX

DYNAMIC MOTION SEATS

ACME's VMax Dynamic Motion Seat (DMS) provides an excellent option for vehicle simulators where exceptional motion cueing is needed. It's a great way to put full motion capability into a vehicle simulator and meet your budget needs too.

Like all ACME True Q[®] DMS, VMax uses multiple motion channels inside the seat body that work in concert providing pressure and motion cues. Built-in motion software algorithms translate the existing acceleration signals from the simulator into motion commands for the seat. And, just like other True Q[®] DMS, the motion performance can be tuned to meet your customized needs.

VMax can work in any land or sea vehicle simulator – it's great for boats, trains, helicopters, tanks, and much more. And, it's simple to retrofit into an existing simulator for a quick cueing upgrade.



(Patent #8827709)

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POWER

Standard US or
European Power

Call for custom power
requirements

MULTIPLE MOTION CHANNELS

- 1.) Seat Back Pan moves differentially in a Yaw-Tilt Motion
- 2.) Seat Back Pan moves fore/aft in a Surge Motion
- 3.) Seat Pan moves vertically in a Heave Motion
- 4.) Seat Pan moves differentially in a Roll-Tilt Motion



The seat includes fore/aft adjustments to adapt the positioning for different crew members

Simple Ethernet interface to the simulator host computer systems. The system includes everything needed for full cueing including the seat, electronics, cables, mounts, and even maintenance manuals and a full warranty.

COMPLETE COTS SYSTEM - NO NRE

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