



**Application**  
Motion Simulators

**Products Used**  
953 VMAX

### Problem

Motion Simulators for the entertainment industry require reliable feedback on the audience seats to coordinate with video thus enhancing the ride experience. Up to 6 large hydraulic cylinders typically control the movement in this application. Linear potentiometers and competitive brand LDT's are often used on these simulators.

### Solution

The 953 VMAX offers superior feedback and can withstand the quick movements, and high shock and vibration often associated with a motion simulator. The 953 VMAX allows for a more realistic experience.

### Benefits

- Drop-in replacement for competitive model LDT's
- Programmable zero and span
- Diagnostic LED
- Able to withstand high shock and vibration
- Lower cost

### Conclusion

The 953 VMAX can adapt to an existing cylinder, and we can offer competitive style connectors for drop-in replacement. In addition, we offer the 950MD mill duty housing which allows for ease of mounting as well as provides a means of quick replacement in case of a failure. Consult the factory at 800.635.0289 to discuss your application, or visit [www.ametekapt.com](http://www.ametekapt.com) for a complete listing of our LDT offerings.



953 VMAX



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