



Kyntronics Servo Electro-Hydraulic Actuators for Testing Applications

Replace Large, Noisy, Leaky and Inefficient Hydraulic Systems with . . .



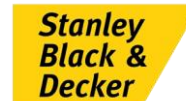
the Servo Electro-Hydraulic Actuator (SHA) from Kyntronics

Advantages – Kyntronics SHA vs. Traditional Hydraulics

- All-In-One Solution: Actuator, Motor, Control, Software... Small Footprint
- Replaces expensive, Complex Servo Hydraulics with an “All-Electric” Solution
- No hoses, No leaks, Environmentally Friendly
- Power on Demand Reduces Energy Usage and Cost
- Precise Control of Position, Force and Speed
- Quiet Operation, eliminates the need for a separate HPU room
- Interfaces with Popular Data Acquisition Software



Clients Using the Kyntronics SHA in Testing Applications



6565 Davis
 Industrial Parkway
 Solon, OH 44139
 PH: 440.220.5990
 FX: 866.854.4578
 Toll Free (US only):
 855.596.8765



Kyntronics
Innovation in Motion



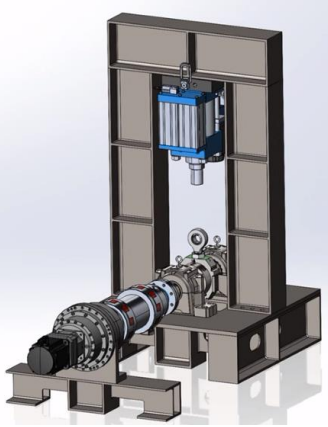
www.kyntronics.com
 sales@kyntronics.com



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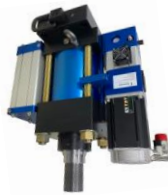


Kyntronics - Servo Electro-Hydraulic Actuator Application Examples



Power Generation - Bearing Load Testing

- Eliminated hydraulics
- Up to 150,000 lbf
- 4" stroke
- Fully programmable position and force



Military / Aerospace – Load Test

- Eliminated hydraulics
- Up to 20,000 lbf
- 12" stroke
- Fully programmable position and force

Industrial – C-Frame Fatigue Test

- Frequency Testing (3-5 Hz)
- Closed Loop Force with Load Cell
- Amplitude Adjustment
- Ethernet IP



EV – Battery Frame Crush Test

- Customer-supplied load cell
- 6" stroke
- Up to 12,000 lbf



Military / Aerospace – Performance Test Stand

- Test range from 50 lbf to 14,000 lbf
- Eliminated HPU
- 6" stroke



Automotive Tire - Camber Test

- Eliminated hydraulics
- Up to 10,000 lbf
- 4" stroke
- Fully programmable position and force



The Kyntronics SHA – Fusing the Power of Hydraulics with the Precision of Servo Control

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Contact Kyntronics to find out how
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www.kyntronics.com
sales@kyntronics.com



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