



NEWS RELEASE

Engineers Reduce Design Time with SpaceSensor© 3D Displacement Sensor

New cable-actuated displacement sensor gives 3D coordinates from compact housing.

PALMDALE, CALIFORNIA USA -- Engineers needing 3D motion data have less to worry about with the new SpaceSensor© 3D displacement sensor from SpaceAge Control. The SpaceSensor© solves the problem of how to affordably monitor 3D motion when a contact sensor is required.

Engineers can monitor three dimensions of movement today via 3 separate sensors. However, such an arrangement can be unwieldy, expensive, and prone to significant system integration expense. The SpaceSensor© provides an out-of-the-box 3D displacement sensor that takes less than 10 minutes to install. Preliminary applications for the SpaceSensor© include:

- vehicle accident investigation/documentation
- aircraft and ship docking monitoring
- aircraft refueling
- earthquake measurement
- flight simulator sensors
- 6DOF actuation platform sensors (Stewart platforms and similar)
- box / package / crate dimensional measuring
- aircraft repair documentation
- corrosion initiation and growth monitoring

"The SpaceSensor© lets the design team focus on systems integration," said Joyce Anderson, Operations associate at SpaceAge Control. "By giving designers 3D motion tracking capability in a contact sensor, time-to-market is improved and the application achieves its sensing objectives with a lower mass, lower power draw, and lower installed cost." Key SpaceSensor© features include:

- fast setup in less than 10 minutes
- variety of interfacing options to include RS-232, USB, Bluetooth, software API, and front panel LED
- application-specific accessories such as mobile tripod and wrist lanyard to reduce fixturing and increase ease of use

The SpaceSensor© is the first in a series of new 3D displacement sensing solutions available from SpaceAge Control. Other products include the SpaceDigitizer and SpaceCMMLite.

Established in 1968, SpaceAge Control is an ISO9001:2000/AS9100B-compliant company leading the displacement and air data sensing industries with stock and engineered-to-order products. Located in Palmdale, California USA, SpaceAge Control's high-precision and durable products are used by over 200 companies spanning the globe including aircraft manufacturers, racing teams, vehicle manufacturers, and motion control-oriented OEMs.

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Photos

- <http://www.prodynamics.com/spa/bilder/3d/spacesensor1024.jpg>
- Photo caption is "The SpaceSensor© 3D displacement sensor gives engineers an easy way to monitor motion that occurs on 3 axes."
- <http://www.prodynamics.com/spa/bilder/3d/spacesensor.jpg>
- Photo caption is "Pitch, yaw, and roll output are outputs from the SpaceSensor©!".



The SpaceSensor© 3D displacement sensor gives engineers an easy way to monitor motion that occurs on 3 axes.

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