

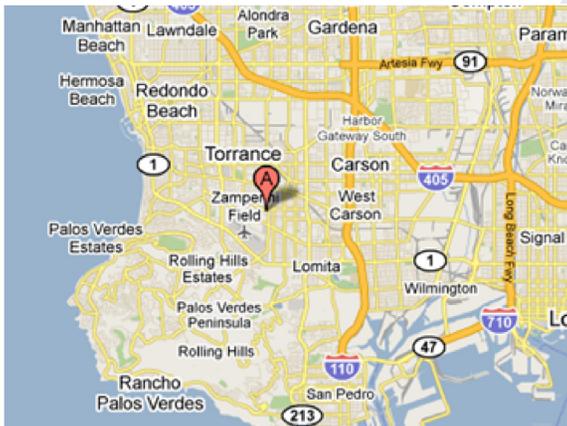


InnoSense LLC is a technology firm serving the aerospace, defense, energy, and healthcare markets. We develop cutting edge innovations in chemical and biological sensing, and nanomaterial technologies. Learn more about our latest innovations at www.innosense.us



InnoSense LLC is about 15 miles from Los Angeles International Airport. We have teaming arrangements with large and small companies to transition our technologies to commercially viable products.

Located in Southern California



For more information, please contact us at marketing@innosense.us

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MOSA™
**MULTI-ANALYTE
OPTICAL SENSOR
ARRAYS**

MULTI-ANALYTE OPTICAL SENSOR ARRAYS

InnoSense LLC offers lightweight multi-analyte optical sensor arrays (MOSA™) with a small footprint that can detect oxygen, carbon dioxide, and water over a wide dynamic range. Originally, designed for the space program, MOSA™ meets NASA's requirements for an integrated compact and automated sensor that can measure atmospheric constituents in spacecrafts during long duration missions.

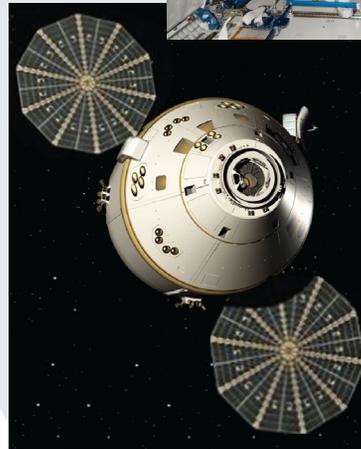
MOSA™ can measure industrial and hazardous gaseous analytes with wide dynamic range and high sensitivity. Its miniature size and lower mass make it ideal for space and other environmental applications.

TECHNOLOGICAL BENEFITS

- Wide dynamic range
 - 0 to 100% for O₂ and CO₂
 - 20 to 80% for relative humidity
- Gas specific
- Higher sensitivity than other sensors
- Remote monitoring capability
- Low cost
- Easy to use
- Mass producible
- Critical component for OEM manufacturing



Pollution monitoring for a greener environment



MOSA™ O₂ monitoring in the living quarters of space vehicles



MOSA™ can detect trace amounts of hydrogen in the presence of oxygen

1ST SUB-TITLE

- Spacecraft atmosphere monitoring
- Engine efficiency testing
- Fuel tank monitoring
- Pollution control
- Oil and gas production monitoring
- Building environmental control



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