



Optical Mass Gauge (OMG) Sensor

The ATGI OMGS is patented aerospace technology originally developed for quantifying the remaining fuel on-board spacecraft in zero-gravity applications.

Utilizing spectroscopic absorption techniques the OMGS is an optical sensor that does not require any tank penetrations. In addition to mass determination the sensor can determine the presence of contaminants such as water in aircraft and ground based fuel tanks.

The OMGS can be utilized for ground based and aircraft based fuel tanks.



The ATGI OMG Sensor is proven to effectively:

- Determine mass of fuel remaining, non-intrusively
- Offer accurate measurement
- Provide a lightweight and instantaneous measurement
- Eliminate the need for heavy cumbersome on-board inert gas systems

The OMG Sensor can be used for cryogenic liquids, caustic liquids, flammable liquids, on the ground or in the air.



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