

Press release, October 25, 2012

Sensoror launches tactical grade miniature IMU, STIM300

STIM300 is a small, lightweight and low power ITAR free high performance Inertial Measurement Unit (IMU). Among being non-GPS aided and insensitive to magnetic fields, it offers 12 times less weight, 10 times less volume and 5 times less power consumption over existing solutions with similar performance.

STIM300 offers 0.5°/h gyro bias instability, 0.15°/vh angular random walk, 10°/h gyro bias error over temperature gradients, 0.05mg accelerometer bias instability, and axis misalignment of 1mrad. The weight is <0,12 lbs (55g) and volume is <2,2 cu. in. (35cm³).

“The STIM300 is an important addition to our inertia portfolio and another step in our strategy to increase our reach in the high performance inertia market. The new IMU has great advantages to applications where size, weight and power consumption is critical, and we see a robust interest from segments where system payload must be maximized” commented Mr. Hans R. Petersen, VP of Marketing and Strategic Sales at Sensoror.

“With STIM300 in our portfolio, we can address more applications in the navigation and guidance segment. The performance of the sensor cluster in STIM300 allows navigation tasks that earlier had to be addressed by FOG (Fiber Optic Gyro) solutions”, he continued.

The Gyro modules and IMUs from Sensoror are the smallest and highest performing commercially available products in this category, worldwide. The products are used in a range of applications in the area of Industrial, Defense, Energy, Aerospace, and are used for navigation, guidance and stabilization purposes.

About Sensoror AS

Sensoror is a global leader in MEMS technology, designing and manufacturing advanced, gyro sensors, gyro modules and IMUs for high-precision applications. Sensoror has more than 30 years of experience developing and manufacturing reliable MEMS sensor solutions for demanding environments involving high vibration, high shock and harsh media.

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