

TECHNOLOGIES TRANSFERRED FROM ISRO

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ANGULAR MOTION SIMULATOR (AMS)

(Technology Transferred to M/s Larsen & Toubro)

ISRO's three axes Angular Motion Simulator (AMS) has found wide acceptance for simulation of its inertial guidance for launch vehicles. The AMS is capable of generating precise ground based simulation of the moments of the vehicle about the pitch , yaw and roll axes. The inertial navigation system and rate gyro packages are calibrated and their performance is simulated through this AMS. Based on surveys, probable use of AMS are envisaged in industries / organisations engaged in space / aeronautics, calibration of inertial sensors, high accuracy positioning for scanning x rays and other scanners (health) and CNC machines (machining).

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