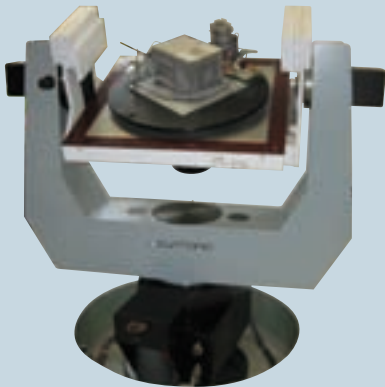




From ACUTRONIC to the Gotthard Base Tunnel



The Series BD357-TCG is a three-axis test table system designed for automated production testing and calibration of inertial navigation systems. All three axes are servo controlled to provide precision position, rate and acceleration motion. This table may be equipped with a temperature chamber to expose the unit under test to high and low temperature extremes. Cooling is accomplished by the expansion of Liquid Nitrogen (LN₂) and heating is provided by resistive heating elements.



iMAR is a German based company manufacturing inertial measuring and navigation systems (INS). iNAV-FJI and iNAV-RQH are members of an INS product family for inertial navigation, surveying and dynamically motion analysis with advanced optical gyros that cover applications which require high accuracy, reliability and an open interface to the user. iNAV-FJI consists of three high performance fiber optical gyroscopes, three servo accelerometers and a powerful strap-down processor, iNAV-RQH comes with three advanced ring laser gyros instead of the fiber optical gyros.



© iMAR GmbH



© AlpTransit Gotthard AG