



From ACUTRONIC to the Leopard 2 Tank



The AC2247 motion simulator provides precise angular position, rate, and acceleration stimuli to the payload. It is a compact two-axis turn table featuring, in spite of the small size, the same advanced technology used in large motion simulators: AC direct drives, sliprings for electrical UUT access, and highly accurate Inductosyn® position sensors directly mounted on the rotating axes. This system was selected by Carl Zeiss Optronics to test their gyro-stabilized periscope.



Carl Zeiss Optronics is one of the leading providers of optical and opto-electronic products and services for the defense and security industries. The Carl Zeiss PERI-R17 A2 periscope provides the commander of an armored vehicle with optimum panoramic vision. It has been designed to withstand the rough environmental conditions associated with military use. Reliable observation during motion is ensured by gyroscopically stabilizing the line of sight in two axes.



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