

MAMOS

Magnetic Azimuth Measurement and Orientation Sensor

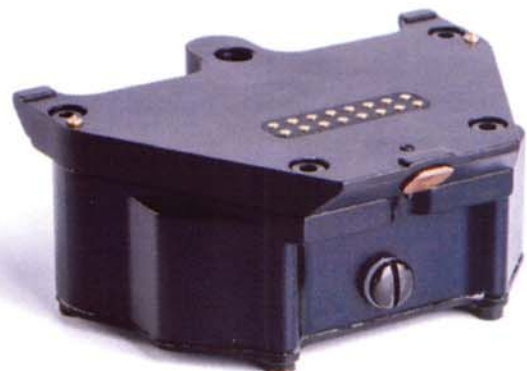
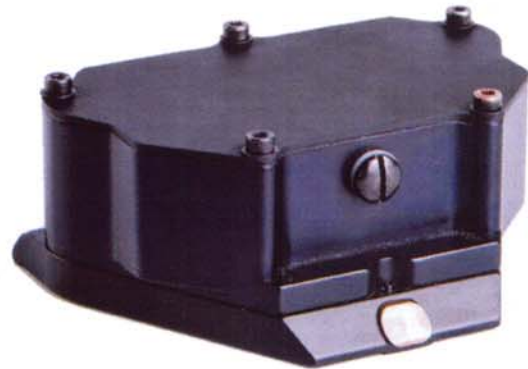
MAMOS is a DIGITAL MAGNETIC COMPASS module offered as an enhancement to Instro's range of Target Acquisition Systems.

Working in conjunction with Instro's Thor goniometer and targeting application software, the digital magnetic compass module has been designed as a self-contained detachable unit providing a highly accurate Azimuth Reference as part of Target Acquisition System deployment.

Optimised for use by dismounted forces where physical size and weight of equipment becomes a critical consideration, the digital magnetic compass module is both lightweight and compact.

Proven technology and an all metal rugged housing have been employed to ensure long service life and reliability in the field.

The digital magnetic compass module features a Smart Interface for all electrical connections requiring only the execution of a simple procedure by the operator during deployment to provide an accurate azimuth heading relative to the local horizontal magnetic field vector.



Main Advantages & Features

- Used in conjunction with Instro Target Acquisition Systems to establish accurate north reference
- Azimuth reference to within 0.5°
- Simply software guided operation
- Time related magnetic offsets automatically applied in software
- Rugged and reliable
- Smart interface, no additional cables or batteries required
- Compact size, low weight

Applications

- Dismounted targeting
- Forward Air Control
- Artillery fire control
- Mortar fire control
- Gun laying
- Special forces