

## 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 digital goniometers and targeting application software, the MAMOS module has been designed as a self-contained detachable unit providing a highly accurate Azimuth Reference for Target Acquisition Systems.

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

Proven technology and a rugged metal housing ensures 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 and other Target Acquisition Systems to establish accurate north reference
- Azimuth reference to within 0.5°
- Simple 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



**instro** 

**Instro Precision Limited**

Tel : + 44 (0) 1843 604455 Fax : + 44 (0) 1843 864143

Email : [marketing@instro.com](mailto:marketing@instro.com) Web : [www.instro.com](http://www.instro.com)

86-290315E