

Earth Sensor Target

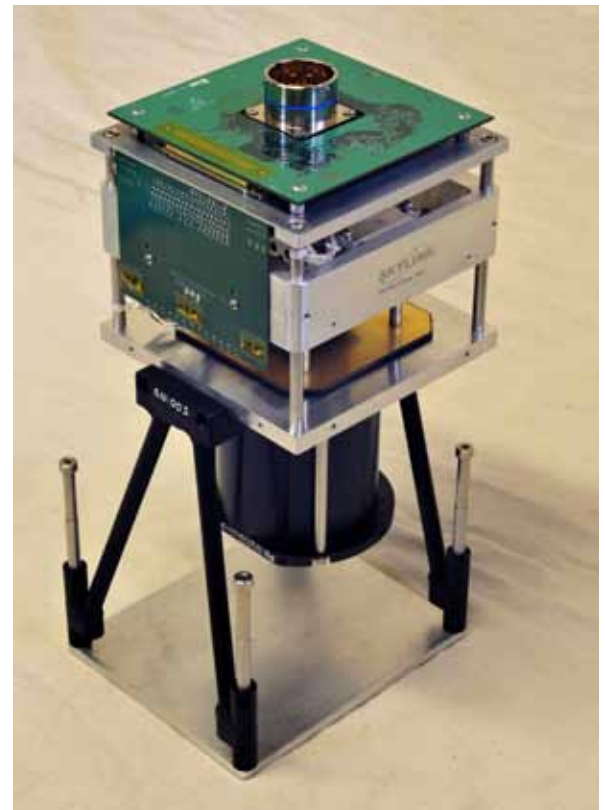
The target is a Nano-position electro-mechanical stage for satellite positioning simulation. Unit provides a thermal signature through germanium optics to simulate sun, earth, and moon position.

Features:

- Smooth precise motion riding on instrument linear bearings.
- 40mm total travel on both X and Y axis.
- Built in optical encoder - 1.0 μ m resolutions.
- Operational environment 0°C to 60°C.
- Vacuum compatible to 1X10⁻⁶ torr.
- Generates minimal heat.
- Requires zero power to hold.
- Max speed 50mm/second.



Target Assembly with
Interface cable



Target Assembly



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