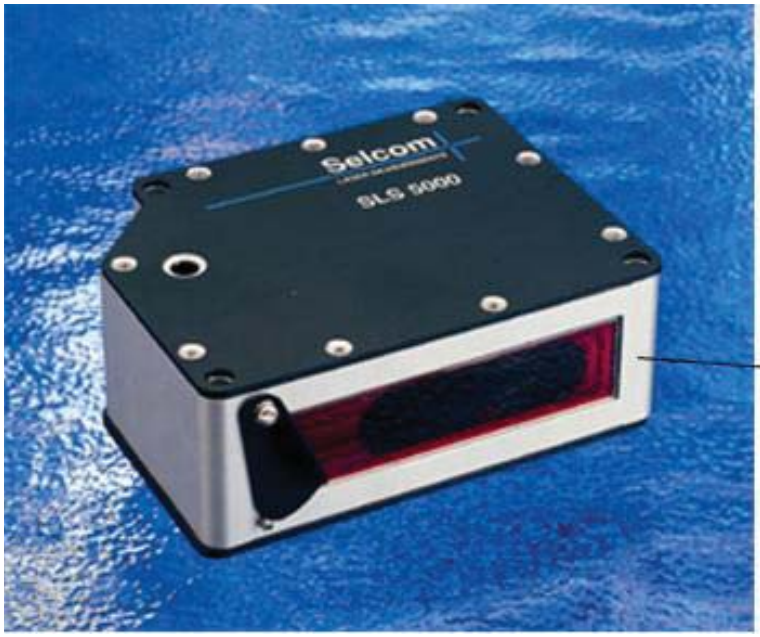
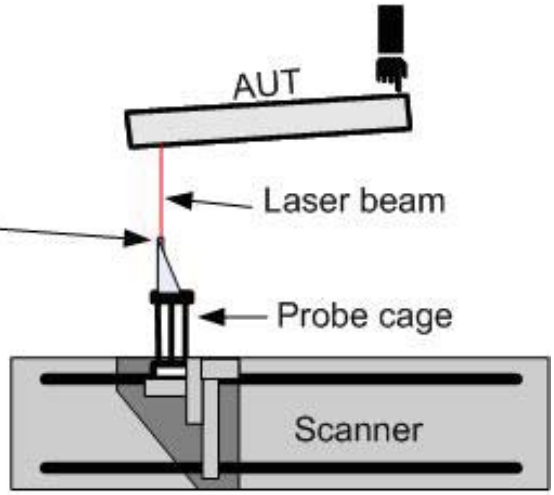
Optics

NSI

NSI-OP-5940

AUT Alignment Laser Subsystem

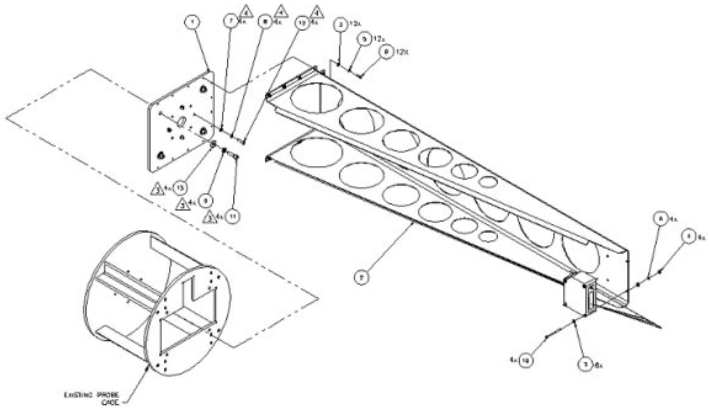




DESCRIPTION

The AUT (Antenna Under Test) Alignment Laser Subsystem is used on planar scanners to adjust parallelism between AUT and the scan plane. It is mounted on the probe carriage and connected to scanner system control workstation. NSI software automatically positions the laserover the selected reflective surface of AUT and reads the sensorto allow precise adjustment of AUT alignment.

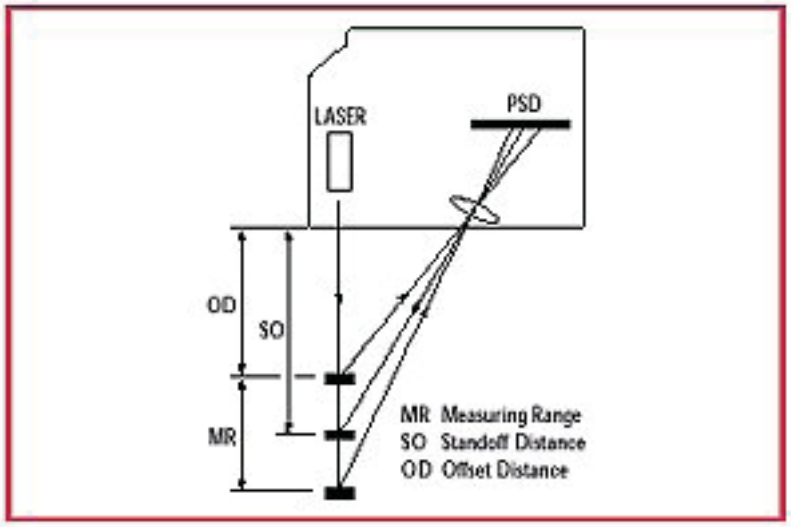
CAPABILITIES

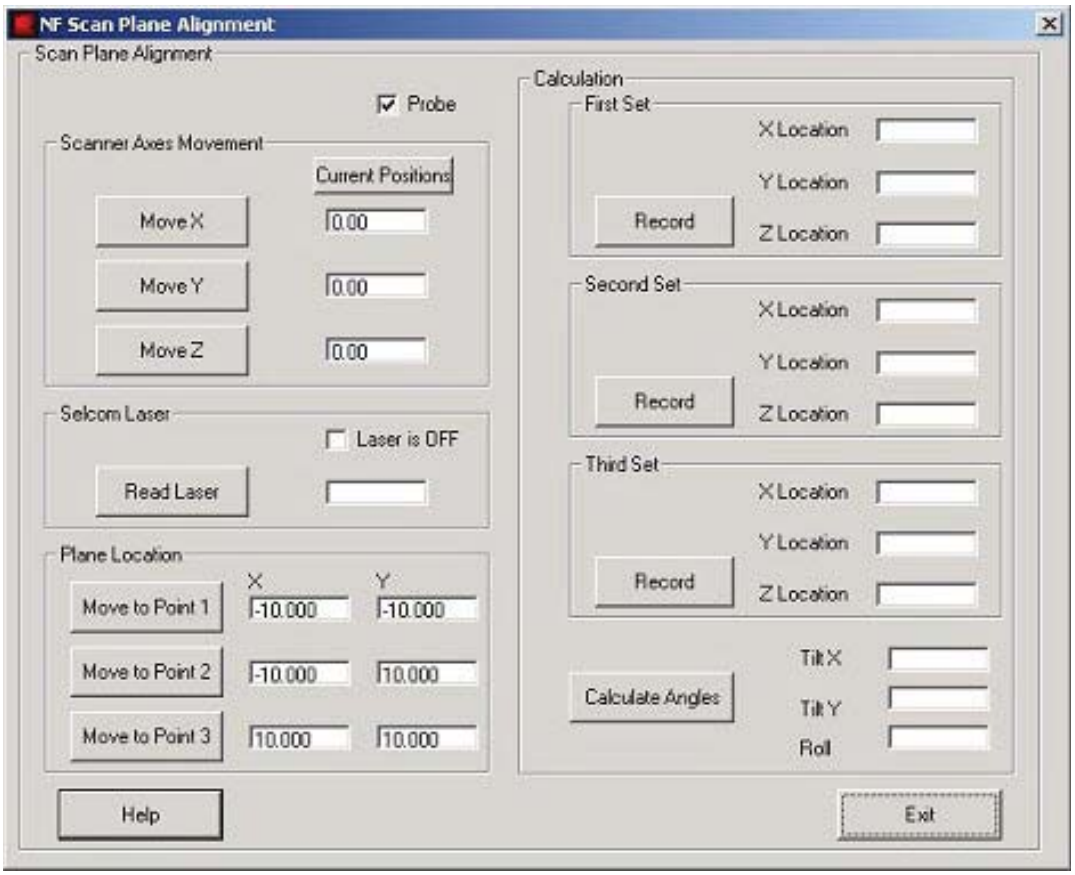


FEATURES

- Equivalent to touch probe system to allow AUT Az and El alignment with scanner
- Avoids physical contact with AUT
- Software allows recording of Z sensor reading at each point
- Substituted for RF probe to perform AUT alignment
- Software calculates and displays angular tilt from NSI scanner reference plane
- Laser mount extender available to maintain detection range accuracy when necessary

SPECIFICATIONS	
Alignment Accuracy	0.050 mm
Active Range	11.8 to 14.6 in (0.30 to 0.37 m)
Accuracy	±0.003 in.





DIMENSIONS

- Width - 5.31” (135mm)
- Depth - 2.01” (51mm)
- Height - 4.13” (105mm)

ORDERING INFORMATION

Please contact the NSI Sales department to order this product.

Nearfield Systems, Incorporated
19730 Magellan Drive, Torrance, CA 90502, USA, Tel: 310.525.7000, Fax: 310.525.7100
Email: sales@nearfield.com. Visit our website: www.nearfield.com