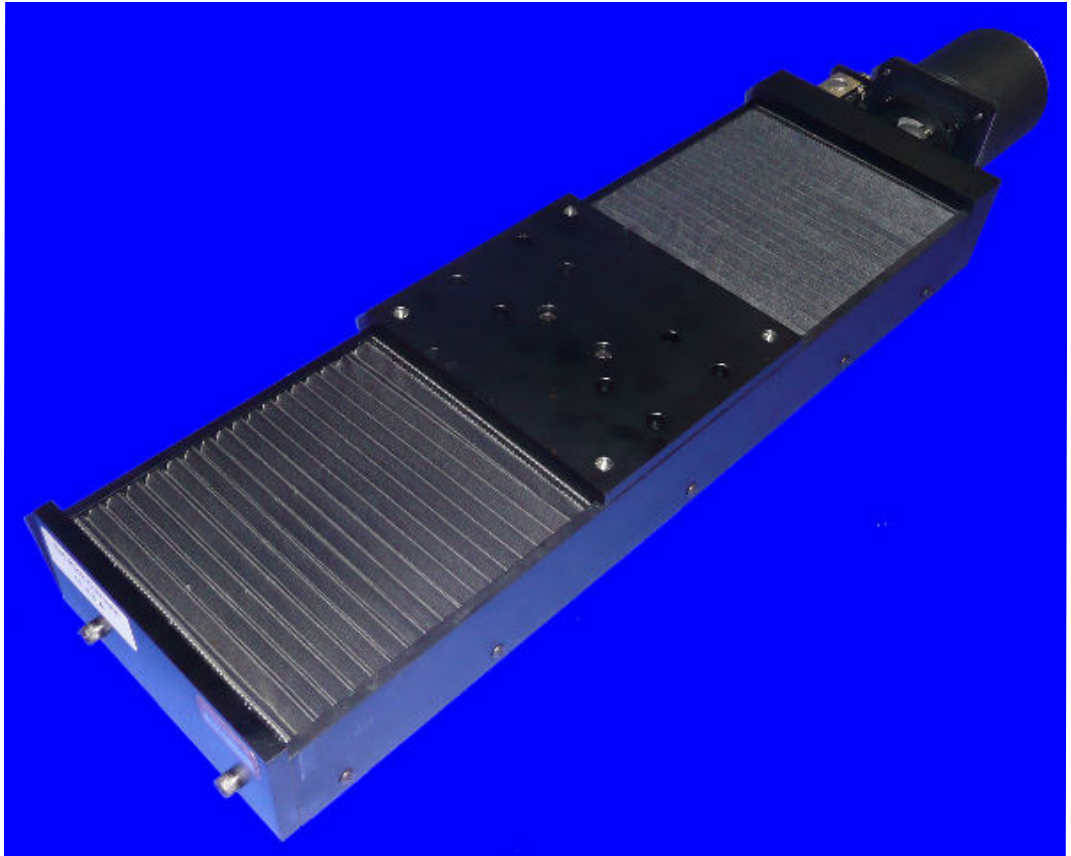


NSI-SC-5621E

Probe Translation Stage, Extra Heavy Duty, 10" (250 mm) Travel



DESCRIPTION

The NSI-SC-5621E is a high accuracy Probe translation stage which is ideal for use in probe motion on an NSI planar near-field measurement system.

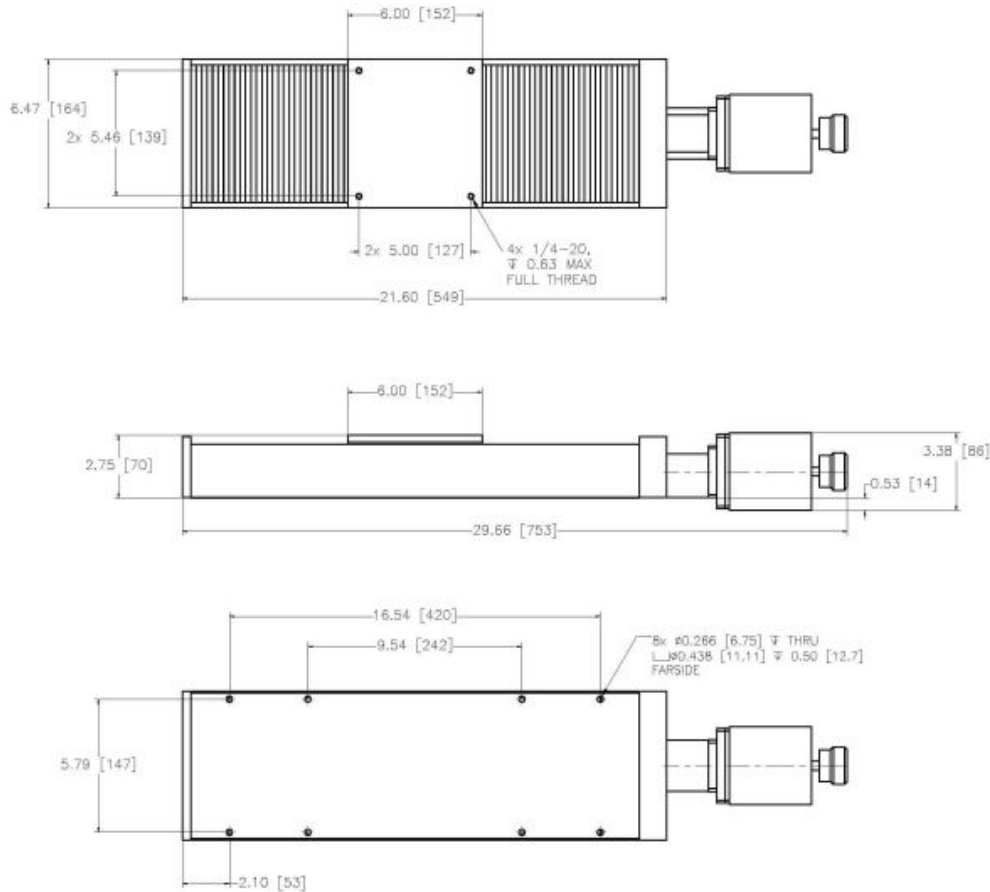
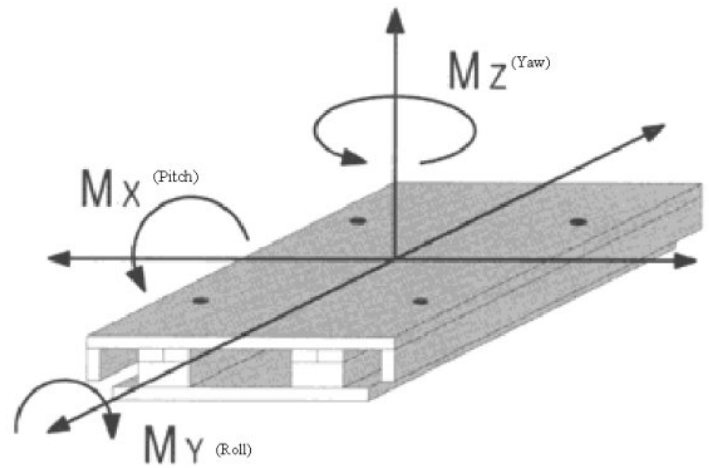
CAPABILITIES

The stage has 10" (250mm) of travel and can support loads up to 4,000 lbs(1,814 kg). The stage interfaces to a standard NSI 2000 antenna range controller (NSI-SC-5911-4). The stage is typically paired with the NSI-SC-5631 probe rotation stage on NSI's planar near-field systems

FEATURES

- High accuracy / capacity
- Stepper motor driven
- Integral +/- limits

SPECIFICATIONS	
Total centered load	4,000 lb (1,814 kg)
Bending Moment (Pitch)	3,600 in-lb (407 Nm)
Bending Moment (Roll)	2,500 in-lb (282 Nm)
Bending Moment (Yaw)	2,500 in-lb (282 Nm)
Operating speed	0.5 in/s (0.0127m/s)
Mechanical backlash	0.001" (1.025 mm)
Travel	10" (250 mm)
Step resolution	0.25 mils (0.00635 mm)
Repeatability	0.001" (0.025 mm)
Accuracy	< 0.002" (0.051 mm) over full travel



DIMENSIONS

- ◆ Width - 6.50" (165 mm)
- ◆ Length - 29.7" (754 mm)
- ◆ Height - 3.38" (86 mm)
- ◆ Weight - 30.0 lb (3.6 kg)

ORDERING INFORMATION

Please contact the NSI Sales department to order this product.

Nearfield Systems, Incorporated

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