Swing Arm over Azimuth Systems : SPECIFICATIONS

Construction	Azimuth, roll, and pol rotation stages with “L” bracket (aluminum/steel)
Drive System	Precision Stepper Motor
Scan Area	360° Roll and 360° to 95° in Azimuth
Maximum Antenna Load	75 kg to 27,216 kg (165 lb to 60,000 lb)
Maximum Antenna Diameter	0.5 m to 7.3 m (20 in. to 288 in.)
Resolution	0.01° to 0.0007° Azimuth, Roll and Pol
Position Repeatability	0.03° RMS to 0.015° RMS
Rotational Speed (Azimuth, Roll, Pol)	5°/s to 180°/s
System Controller	NSI-MI controller with serial and parallel I/O interfaces
Measurement Workstation	Measurement workstation computer with large LCD monitor
Stepper Motor Power Amplifier	EIA 483 mm (19 in.) rack mount.
Motor Cables	Quick-connect; 12 m (40 ft)
Scanner Absorber	Absorber Kit (127 mm (5 in.) pyramidal)
Probe	Optional
RF Cables	20 GHz RF Cables
Rotary Joints	Qty. 3 - DC-26.5 GHz, (Azimuth, Roll, Pol)
Supported RF Devices	NSI-MI Receiver Subsystem or selection of Keysight, Rohde & Schwarz and Anritsu VNA's (contact NSI-MI for a complete list)
Power	100-240 VAC switchable, 50/60 Hz, 500 watts

DIMENSIONS

Width:	1.8 m to 9.4 m (72 in. to 371 in.)
Depth	1.8 m to 5.1 m (72 in. to 201 in.)
Height	1.9 m to 7.0 m (74 in. to 276 in.)
Weight	337 kg (750 lb) to 3,085 kg (6,800 lb) approx.