

Arch Over Azimuth Scanner Systems : SPECIFICATIONS

Nominal Scan Radius (to Probe Mounting Surface)	1.2 m to 10 m (3.9 ft to 33 ft)
Elevation Travel Options ¹	90°, 115°, 135°, 180°
Elevation Position Accuracy	As low as 0.002 (90°) (Deg RMS)
Planarity of Scan Circle ²	As low as 0.076 (90° Travel) (mm RMS)
Elevation, Maximum Speed	1.2°/s
Radial Axis Travel ²	102 mm (4 in.)
Radial Position Accuracy ²	0.05 mm (0.002 in.) RMS
Radial Axis, Maximum Speed	25 mm/sec (1 in./sec)
Roll Axis, Maximum Load Capacity	29.5 kg (65 lb)
Roll Axis, Travel Options	Continuous, ± 120°
Roll Axis, Position Accuracy ²	0.02°/s
Roll Axis, Maximum Speed	12°/s
Maximum Load Capacity	29.5 kg (65 lb)
Operating Environment	Indoors
Temperature, Measuring	20°C, ± 2
Temperature, Operating)	10°C to 40°C
Humidity, Survival (% Relative Non-Condensing)	20 to 90

¹Note: Custom Travel Available.

²Note: Achievable.

DIMENSIONS

Length	2.1 m to 17.9 m (7 ft to 59 ft)
Width	5.8 m to 13.7 m (19 ft to 45 ft)
Height	4.8 m to 17.3 m (16 ft to 57 ft)
Net Weight	4,536 kg to 24,947 kg (10,000 lb to 55,000 lb)