

EL75

Elevation Positioner

ELAZ75

Elevation over
Azimuth Positioner

Features

- The EL75 provides **EUT rotation** about a **horizontal axis**.
- The ELAZ75 provides both **EUT rotation** about a **horizontal axis**, as well as rotation around the **vertical axis** (turntable).
- **Allows for heavy EUT loads** in both Elevation (75lbs) & Azimuth (600lbs)
- **Variable Speed** in both Elevation & Azimuth
- **Continuous Rotation** allowed in both Elevation & Azimuth (with optional components)
- **Low RF Cross-Section** materials above drive units
- **Portable** (no permanent installation necessary)
- **Remote Azimuth Drive Option**
- Custom **Height** option
- **Fiber Optic** connections to Controller (requires SC110V System Controller)
- **GPIB** full control
- **Custom EUT mounts**

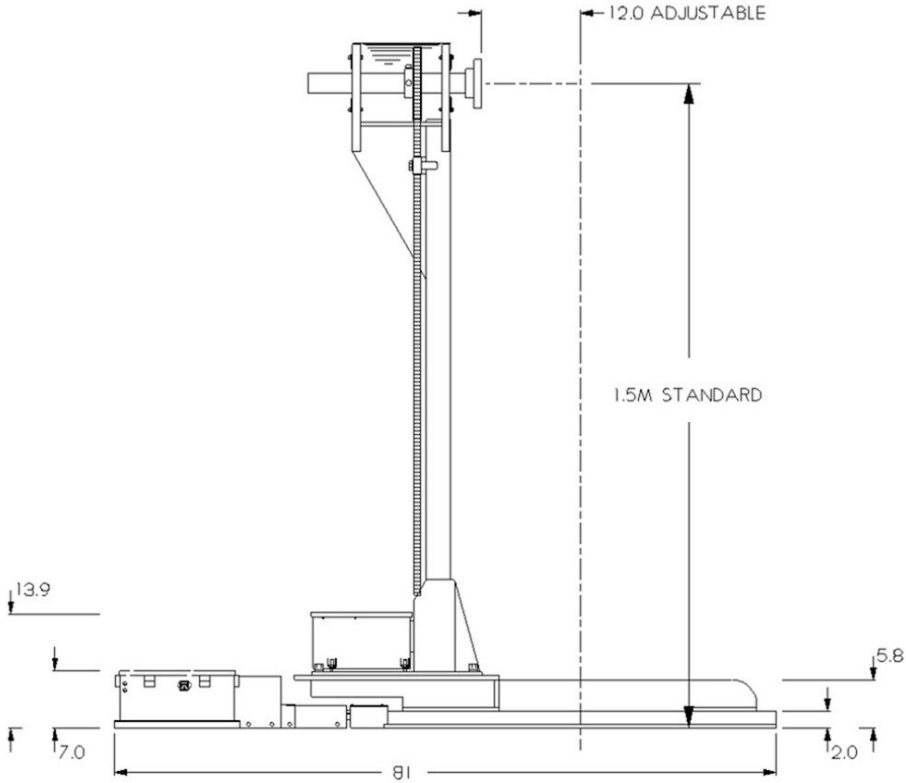


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Specifications

SPECIFICATION	EL75	ELAZ75
Maximum boom load	~34 kg (75 lb.)	~34 kg (75 lb.)
Maximum turntable load	N/A	~272 kg (600 lb.)
Speed (EL & AZ)	EL - 0.2, 0.3, 0.7, 1.2 rpm	EL - 0.2, 0.3, 0.7, 1.2 rpm AZ - 0.5, 1, 2, 3 rpm
Precision & Resolution (EL & AZ)	Display Resolution: 0.25° Precision: ± 0.25°	Display Resolution: 0.25° Precision: ± 0.25°



Select desired Base Model	Add the desired M-Option				
Base Model	M#	EUT Height	AC Power	Continuous Rotation	Customization
EL75	M1	1.5m	115VAC	No	None
ELAZ75	M2	1.5m	230VAC	No	None
	M3	1.82m	115VAC	Yes	Replace GPIB with RS232. Includes two RS232 fiber-optic converters. 2.92 mm rotary joints on both axes. Mandrel belt for higher precision.
	M4	1.22m	115VAC	No	Replace GPIB with RS232.

For example: An EL75M2 would be a 1.5m 230VAC unit.