

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**

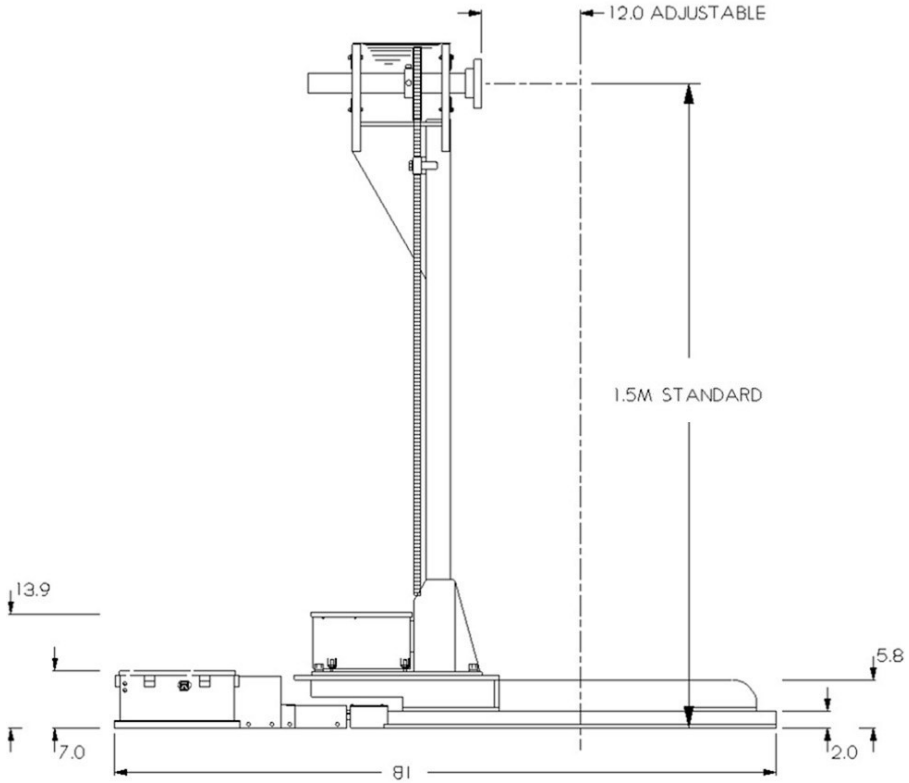


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Specifications

| 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. |

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