

API

ACTIVE TARGET - AT

MOTORIZED LASER TRACKING TARGET

The award winning Active Target is an advanced self-orienting target for laser tracker measurement. Active Target keeps itself oriented to the laser tracker without the beam ever being lost. Active Target enables measurement of machine tools, robots, CMMs or other movable objects where a standard SMR cannot do the job.

FEATURES & BENEFITS

- **Motorized Targeting** - Active Target's built-in motorized technology automatically orients the reflector to face the laser tracker regardless of part movement, speeding up the measurement process and eliminating human error.
- **360° of Measurement** - The center reflector of the motorized target has 360° rotation enabling continuous lock-on to the laser tracker and eliminating beam breaks (infinite AZ rotation).
- **SMR-Grade Target Centering** - Active Target reflector has same optical centering accuracy as a SMR.
- **Safe and Easy Use** - Battery-powered and cable-free, Active Target is safe and will not snag on machine parts.
- **Mounting Versatility** - Weighing in at only 2 lbs., the Active Target is designed to be mounted even on Robots and CNC machines with small payload.

APPLICATIONS

- VEC Calibration
- AGV Tracking
- Machine Tool Assessment
- CMM Tracking
- Alignment
- Robotic Error Assessment





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PRODUCT SPECIFICATIONS

Azimuth Tracking Angle:	360° Unlimited
Elevation Tracking Angle:	+80°/-55°
Tracking Distance:	40 m (131 ft.)
Tracking Angular Speed:	50°/Second
Optic Centering Accuracy:	+/-12.5 μ m
Weight:	0.9 kg (2.0 lbs.)
Mounting Screws:	M3
Battery:	Li-Ion Battery (Internal)
Battery Time:	16 Hours (Estimated Normal Use)
Target Dimensions:	5.33 cm x 11.18 cm (2.1 in x 4.4 in)
Height:	16.76 cm (6.6 in) with Shank 12.19 cm (4.8 in) without Shank

