

The A-1531, A-1532 and A-1533 Extended Range Universal Scan Targets

*Versatile, affordable and compatible with
most continuously sweeping lasers*

Target Features

- The A-1531, A-1532 and A-1533 Extended Range Universal Scan Targets operate with all of Hamar Laser's continuously rotating lasers and most single-beam sweeping lasers from other manufacturers. The A-1533 features a large-number, rotating display for ease of use.
- Measuring range of up to 3" (76 mm) with selectable resolutions of .001", .005" and .010".
- Can easily be converted to a height gage, as the center of the target has been set to a tightly-controlled dimension. Attach a precision spacer to the base of the target and the *exact dimension* from laser plane to the measured surface can be obtained. Optional precision spacers are available in 1", 2" 3" and 6" sizes, all of which are accurate to .0003".
- Multiple display modes, including ZERO (zero at any point), TGT CTR (reading relative to mechanical target center), and BASE (actual dimension).
- Completely automatic on/off operation with no switches, wires or connections. The target activates when the laser beam sweeps across the target cell.
- Optional bracket for use with theodolyte scales.
- Display indicators provide immediate "off target" status.
- English and Metric units.
- Powered by a rechargeable lithium ion battery for long life and usage. Comes with AC adapter/charger, low battery and charging indicators.



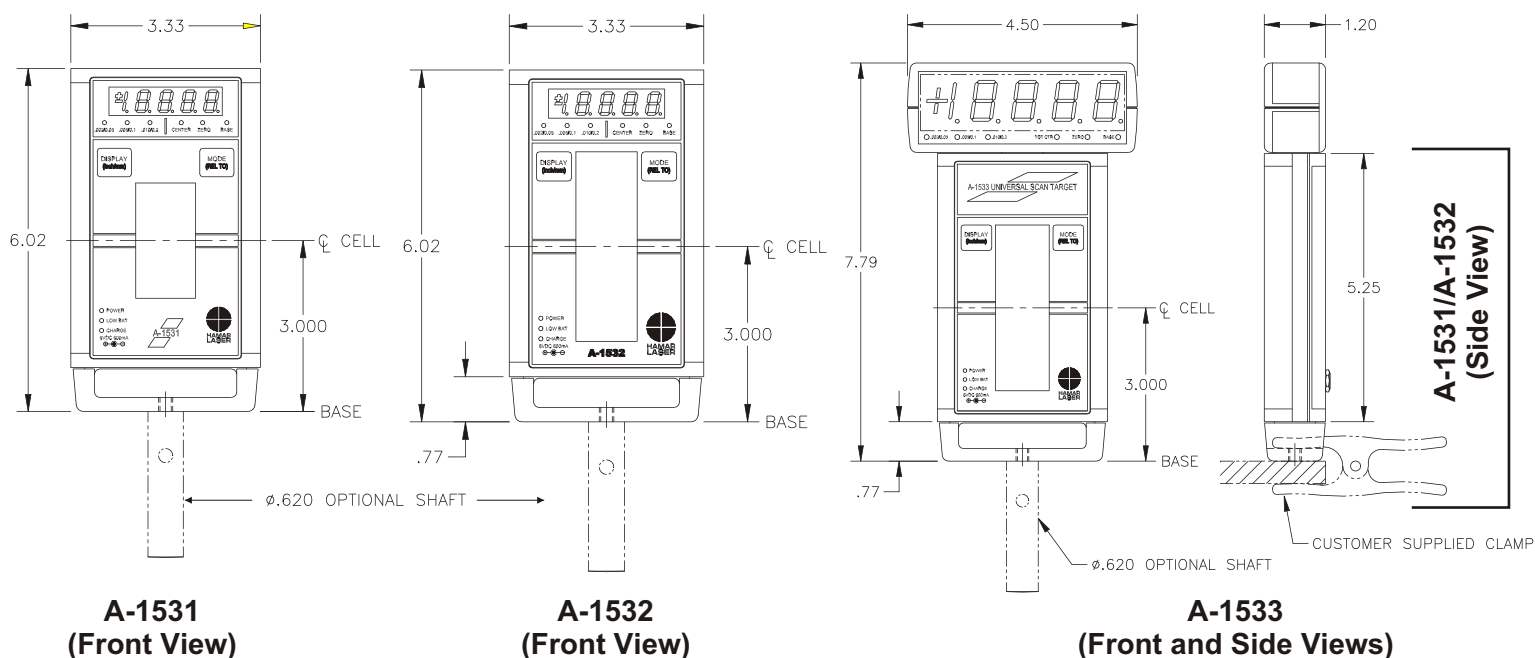
Low-cost, lightweight, with large measuring range

Designed to work with all of Hamar Laser Instruments' continuously sweeping lasers, most sweeping lasers from other manufacturers, and with theodolyte scales for dimensional measurement, these targets are well-suited for construction work or any applications that require measurement of flatness, levelness, straightness, squareness and parallelism.



Specifications

The A-1531, A-1532 and A-1533 Extended Range Universal Scan Targets



Size:

A-1531/A-1532
A-1533

6.02" L x 3.33" W x 1.20" D (152.9 mm x 84.6 mm x 30.5 mm)
7.79" L x 4.50" W x 1.20" D (197.9 mm x 114.3 mm x 30.5 mm)

Weight:

A-1531/A-1532
A-1533

9.1 oz. (258 grams)
12 oz. (340 grams)

Target Resolution:

.001/.005/.010" (0.05/0.1/0.2 mm)

Effective Cell Range:

A-1531
A-1532/A-1533

±.96" (±24.4 mm) minus laser spot diameter, which is typically .31" (7.9 mm)
±1.60" (±40.6 mm) minus laser spot diameter, which is typically .31" (7.9 mm)

Read Mode:

Center (Display readings from cell center)
Zero (Null reading from laser position on cell)
Base (Display distance from base of unit)

Operating Range:

Up to 50' @ 300 RPM, 50-100' @ 150 RPM

Power:

3.5 V 1350 mAh lithium ion rechargeable battery

Battery Life:

8 hours continuous duty

Features:

A-1531/A-1532

Auto ON/OFF, .40" (10.2 mm) high display characters, POWER ON indicator, LOW BATTERY indicator, BATTERY CHARGE indicator

A-1533

Auto ON/OFF, 360° Swivel Head Readout, .80" (20.3 mm) high display characters, POWER ON indicator, LOW BATTERY indicator, BATTERY CHARGE indicator