

# 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.



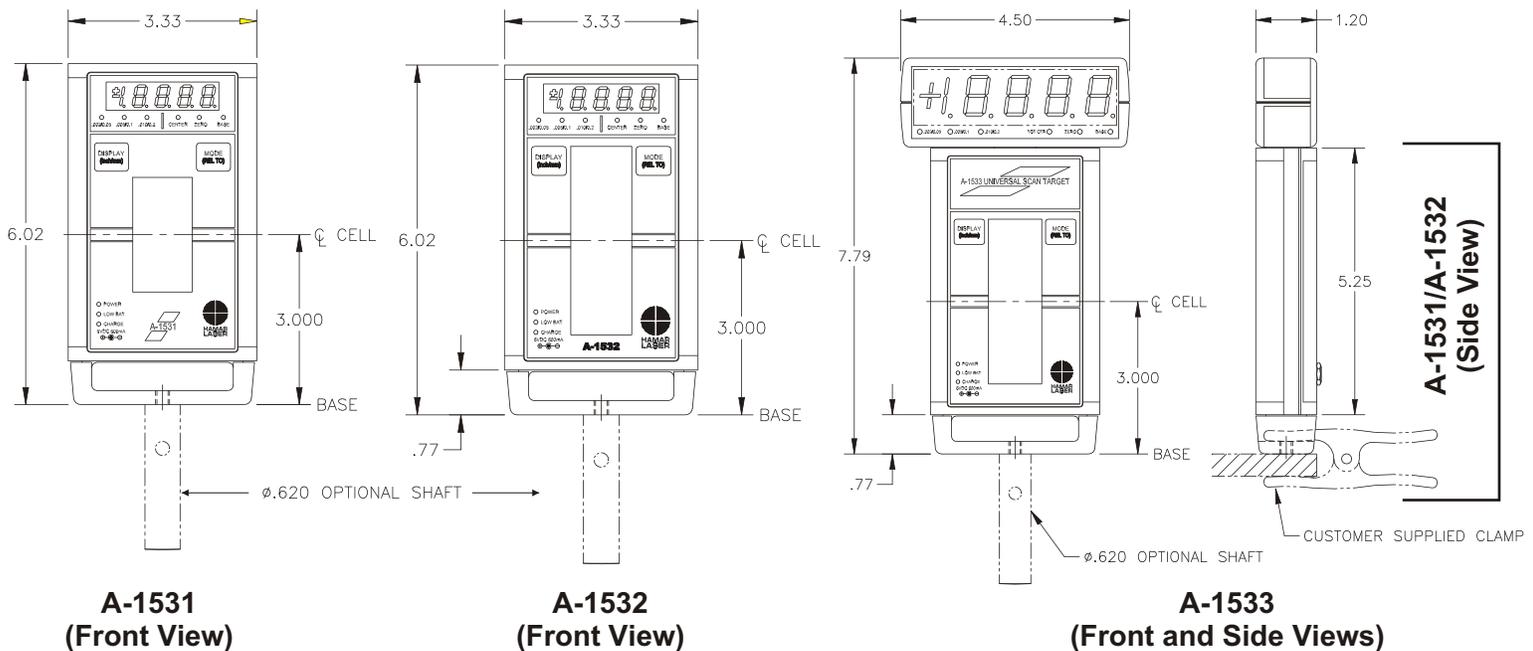
### ***Low-cost, lightweight, with large measuring range***

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 6.02" L x 3.33" W x 1.20" D (152.9 mm x 84.6 mm x 30.5 mm)  
 A-1533 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 9.1 oz. (258 grams)  
 A-1533 12 oz. (340 grams)

### Target Resolution:

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

### Effective Cell Range:

A-1531 ±.96" (±24.4 mm) minus laser spot diameter, which is typically .31" (7.9 mm)  
 A-1532/A-1533 ±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