

## LVL01 - April 24, 2025

Item # LVL01 was discontinued on April 24, 2025. For informational purposes, this is a copy of the website content at that time and is valid only for the stated product.

### LEVELS

- ▶ **Circular Bullseye Level is Ideal for Checking the Level of Breadboards and Tables in the XY Plane**
- ▶ **Combination Square Level can be Used to Measure the Level in One Dimension and Draw Right Angles**



**LVL02**  
Combination Level



**LVL01**  
Bullseye Level



LVL01 Shown on an Optical Table  
(Sold Separately)

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#### OVERVIEW

##### LVL01 Features

- 40 arcmin Sensitivity
- Made of Durable Acrylic and a Hot Stamped Lens
- Measures Level in XY Plane

The **LVL01 Bullseye Level** is well suited for determining the level in the XY plane. The level can be used in the lab to measure and set the level of breadboards and tables, as well as optomechanical mounts.

##### LVL02 Features

- Precision Machined Head and Bubble Level Ensure Squareness to 0.001°
- 12" Etched Stainless Steel Blade with 3 Different Inch Graduations: 8, 16, and 32 Marks per Inch
- Through Holes Provide Easy Marking Access
- Heavy-Duty Machined Square Head
- Self-Aligning Drawbolt
- Hardened Scriber Included in Back of Head

The **LVL02 Combination Square** is a precision instrument with better sensitivity than similar instruments used in carpentry. Sensitivity is the measure of how large of a tilt is needed for the bubble to move, while accuracy is how close to true level the device measures. The stainless steel blade is marked with two scales on each side and is



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**Figure 1.2** The holes in LVL02 can be used to measure the height of a beam larger than the hole. Part of the beam passes through the hole and hits the screen, showing that the beam is at the height of the hole. The rest of the beam is clipped by the blade of the level, allowing the user to read off the height of the beam. Click the photo to see an enlarged image with a zoom of the beam on the blade.

removable. One side is marked with 1/8" markings with 1/4" hole spacing and 1/16" markings with 1/8" hole spacing. On the other side, the ruler is marked with 1/16" markings with 1/4" hole spacing and 1/32" markings with 1/8" hole spacing. Also included with the combination square is a hardened scribe which is conveniently stored in the back of the head for ready access.



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**Figure 1.1** The blade of LVL02 has holes every 1/4" along one edge and every 1/8" along the other edge.

[Hide Levels](#)

Levels

Part Number	Description	Price	Availability
LVL01	1.25" Circular Bullseye Level	\$6.43	Today
LVL02	12" Combination Square with Bubble Level and Scribe	\$48.69	Today