



## Laser Microgage PRO Dual Axis Measuring System: *Square Kit*

### Applications:

- Squaring machinery and equipment
- Aligning the Z axis of machine tools
- Belt, gear and sheave alignment
- Checking parallelism of tracks and assemblies
- Squaring stacked linear stages
- Adjusting slitters, idlers and rollers
- Aligning gantry rails and cross bridges
- Squaring machine guides and pallet loaders
- Adjusting moving actuators and drilling systems
- Squaring cross cutting systems and guides
- And other geometric alignment needs

### Square Kit Includes:

- Microgage PRO Laser Transmitter
- Microgage 2-Axis PRO Receiver
- Enhanced 90-Line
- Microgage PRO Smart Display Unit
- Adjustable Receiver Mount
- 4-Axis Precision Mount
- Precision Tripod Mount
- Magnetic On/Off Mount
- Pinpoint Capture™ Software
- Computer USB Interface Cable



### About the Square Kit

Microgage PRO works on a very simple principle: Laser light travels in a straight line. The Microgage PRO Squareness Kit comes with a 90-Line beam redirector which utilizes an internal optical element called a penta-prism that reflects the laser at precisely 90 degrees to the incoming laser beam. Squareness and perpendicularity measurements are made by first aligning the laser to a central machine axis or along a reference path and then redirecting the laser beam off at a right angle so that other assemblies can be positioned and aligned squarely to the original laser path.

The PRO series includes a smart display with touchscreen technology and can also be wireless. Pinpoint laser systems are simple, rugged and portable.

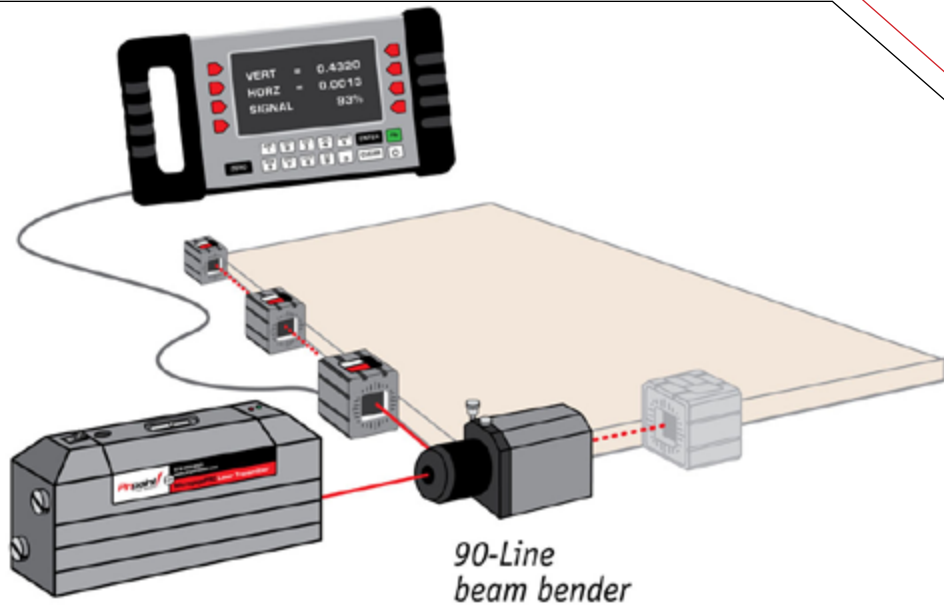


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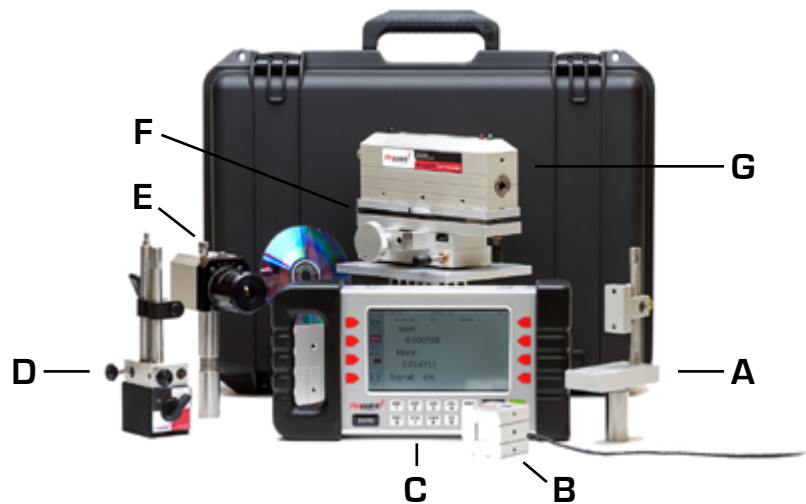


### Features:

- PRO Smart Display Unit
- Enhanced 90-Line
- 4-Axis Precision Mount
- Precision Tripod Mount
- Pinpoint Capture™ Software
- Wireless option for convenience
- Precise down to 0.0001 inch (depending on application)

### Benefits:

- Quick return on investment
- Intuitive set up and use
- Improves efficiency and expands in-house capabilities
- Removes guesswork for alignment or measurement
- Minimizes machine downtime
- Supports preventative maintenance efforts
- Eliminates need for hiring outside alignment contractors
- Reduces machinery installation costs



### Square Kit Components:

- **A:** Adjustable Receiver Mount
- **B:** Microgage 2-Axis PRO Receiver
- **C:** Microgage Smart Display
- **D:** Magnetic On/Off Mount
- **E:** Enhanced 90-Line
- **F:** 4-Axis Precision Mount
- **G:** Microgage Laser Transmitter
- **H:** Precision Tripod Mount (not shown)

### Optional Components Include:

- Microgage 2-Axis and 4-Axis Receiver
- Microgage Transparent Wireless Receiver
- 90-Line-D Right Angle

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