



Laser Microgage 2D 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

Square Kit Includes:

- Microgage 2D Display Unit
- Microgage 2D Laser Transmitter
- Microgage 2-Axis Receiver
- Enhanced 90-Line
- Adjustable Receiver Mount
- 4-Axis Precision Mount
- Precision Tripod Mount
- On/Off Magnetic Mount
- Pinpoint Capture™ Software
- Computer USB Interface Cable
- Hardshell Carrying Case
- Operation Manual
- 1 Year Warranty



About the Square Kit

Microgage 2D works on a very simple principle: Laser light travels in a straight line. The Microgage 2D Square 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.

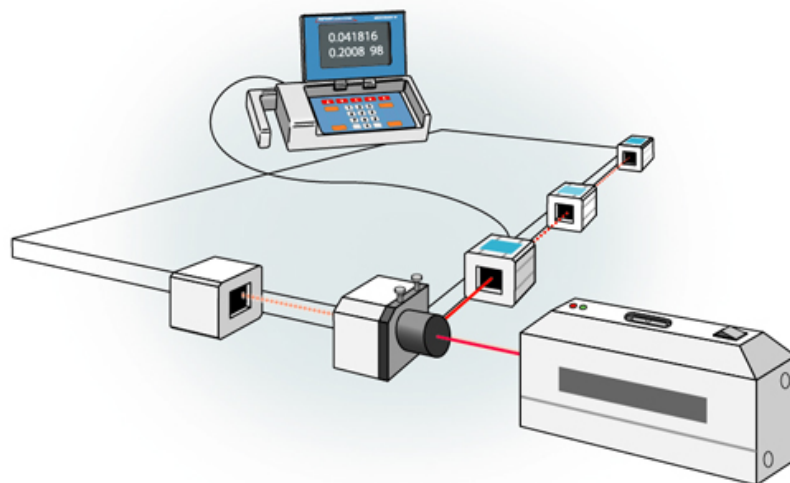
Squareness and perpendicularity measurements are made by first aligning the laser to a central machine axis or along a reference path and then redirecting the laser beam off at a right angle so that other assemblies can be positioned and aligned squarely to the original laser path. Pinpoint Laser Systems are simple, rugged and portable.



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Features:

- 2D LCD Display Unit
- Ruggedized, all aluminum flip top display unit
- Enhanced 90-Line
- Pinpoint Capture™ Software
- Measure distances from a few inches up to 150 feet
- 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 outside alignment contractors
- Reduces machinery installation costs



Square Kit Components:

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

Optional Components Include:

- Microgage 2-Axis Disc Receiver
- Microgage 4-Axis Receiver
- 2-Axis Precision Mount

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