



## Laser Microgage 2D Dual Axis Measuring System: *Parallel Kit*

### Applications:

- Measuring and aligning rollers and web handling systems
- Aligning precision tracks and guide rails
- Installing gantry slides and router assemblies
- Checking and aligning pallet loaders
- Align unwind and take up roll sections
- Measuring parallel edges
- Aligning sprocket and drive systems
- Checking columns on injection molding machines

### Parallel 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



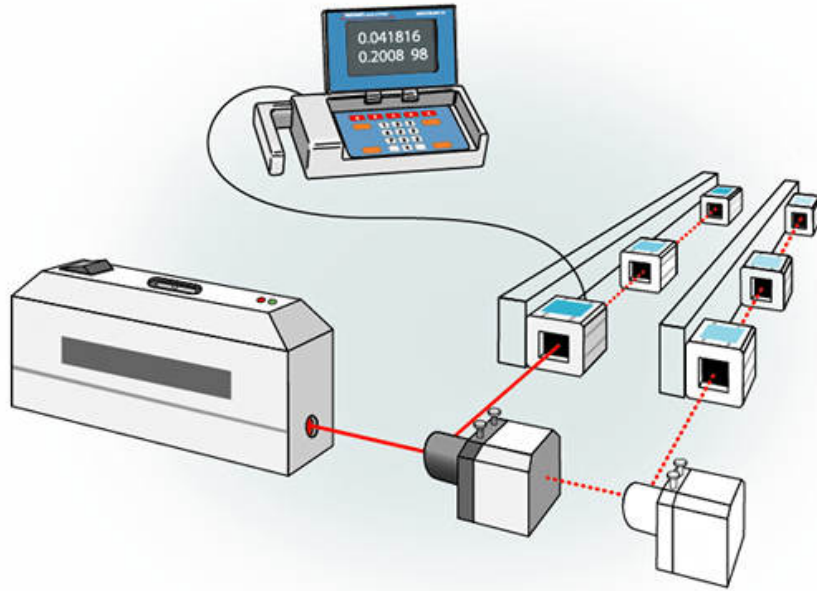
### About the Parallel Kit

The 2D Parallel 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. For parallelism measurements, the 90-Line is moved sequentially along the laser path to create multiple reference lines, or planes, that are each square to the original laser reference line and parallel to each other. Along each of these individual square reference lines, the Microgage receiver takes a series of readings to see how that surface, shaft, track, or object is positioned relative to the square laser reference beam. The 90-Line is then moved to a new position, creating another square laser line, parallel to the last line, which measures the position of the next track, shaft, or surface.



1-800-757-5383  
www.pinpointlaser.com

info@pinpointlaser.com • Phone 978-532-8001 • 56 Pulaski Street • Peabody, MA 01960 • USA



**Features:**

- 2D LCD Display Unit
- Ruggedized, all Aluminum flip top display unit
- Precision Tripod Mount
- 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



**Parallel 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

**1-800-757-5383**  
[www.pinpointlaser.com](http://www.pinpointlaser.com)