



## Laser Microgage PRO 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
- Plus many other applications

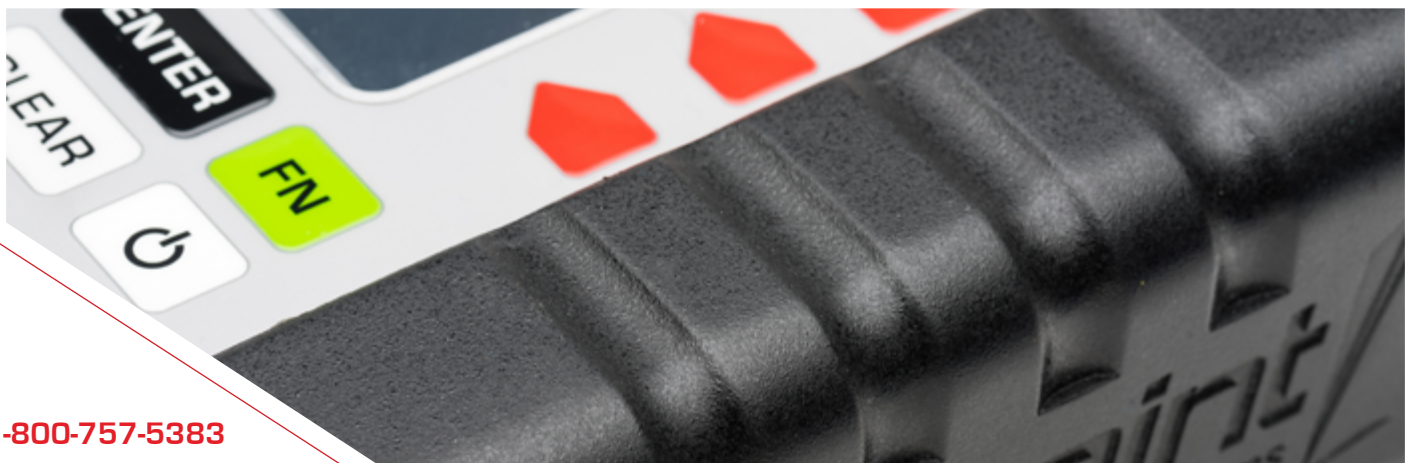
### Parallel Kit Includes:

- 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
- Hardshell Carrying Case
- Operation Manual



### About the Parallel Kit

The Microgage PRO Parallel Kit comes with the Enhanced 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.

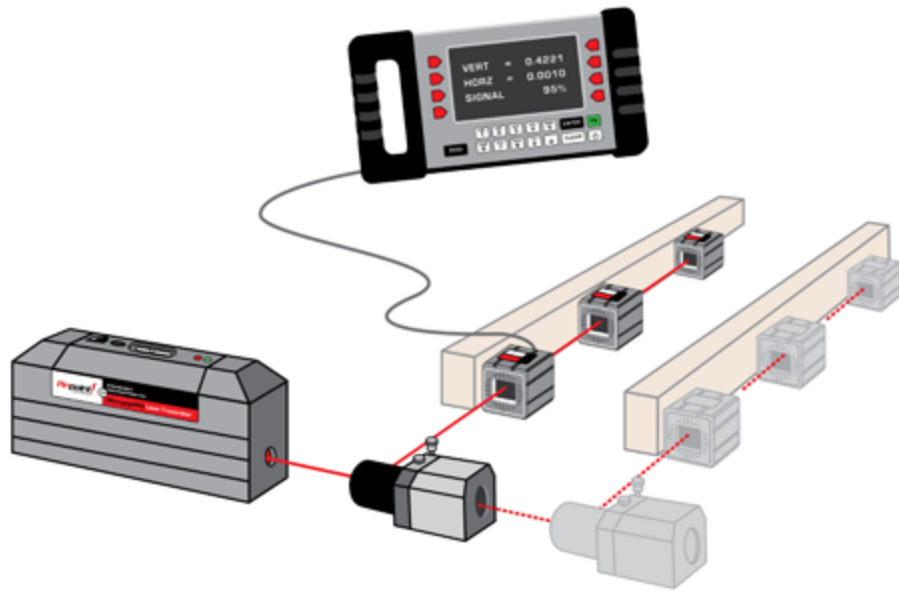


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### Features:

- PRO Smart Display Unit
- 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 outside alignment contractors
- Reduces machinery installation costs



### Parallel 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:

- 90-Line-D Right Angle
- 2-Axis Precision Mount
- Microgage 2-Axis Wireless Receiver

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