



Laser Microgage 2D Dual Axis Measuring System: *Straight Kit*

Applications:

- Aligning long rail and track sections
- Checking roll flatness and profiles
- Lathe and spindle alignment
- Measuring linear deflections
- Shaft and drive alignment
- Checking for runout on moving slides, tables and stages
- Positioning bearings and shaft supports over long runs
- Monitoring surface deflections and bending in long structures
- Measure bend and profiles in tracks and guide rails
- Measuring deflections on rams actuators, and extrusion presses

Straight Kit Includes:

- Microgage 2D Laser Transmitter
- Microgage 2-Axis Receiver
- Microgage 2D Display Unit
- Adjustable Receiver Mount
- Magnetic On/Off Mount
- Precision Tripod Mount
- Pinpoint Capture™ Software
- Operations Manual
- Carrying Case
- 1 Year Warranty



About the Straight Kit

The Microgage works on a very simple principle: Laser light travels in a straight line. If you attach a laser transmitter to one assembly and a laser receiver to another, then the alignment of the two assemblies will equal the X/Y displacement of the laser beam at the receiver. And Microgage 2D measures all this with a precision of 0.0001 inch over distances of up to 150 feet.

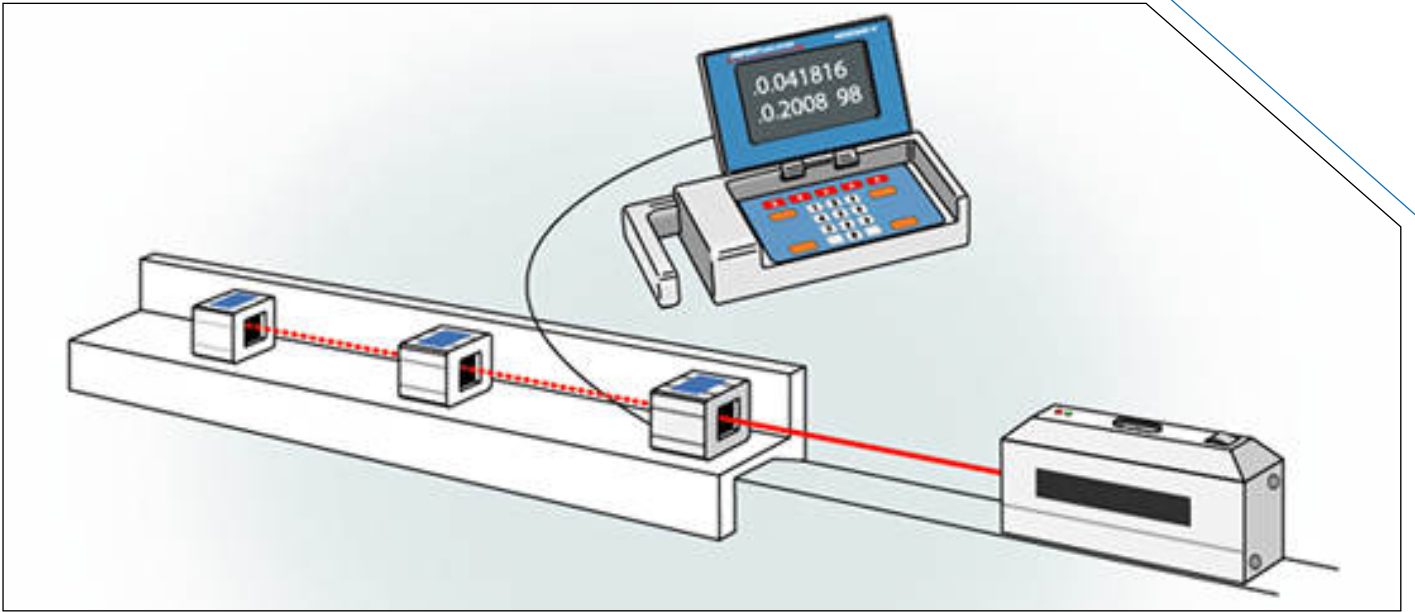
The Microgage 2D is specifically designed so users can handle virtually any alignment application, with set-up taking only minutes in most cases. The flip top monitor provides measurement readings using a multi-function keypad built directly into the metal base, delivering a flexible and shatter-proof way to retrieve measurement results via wires or wirelessly with receivers.



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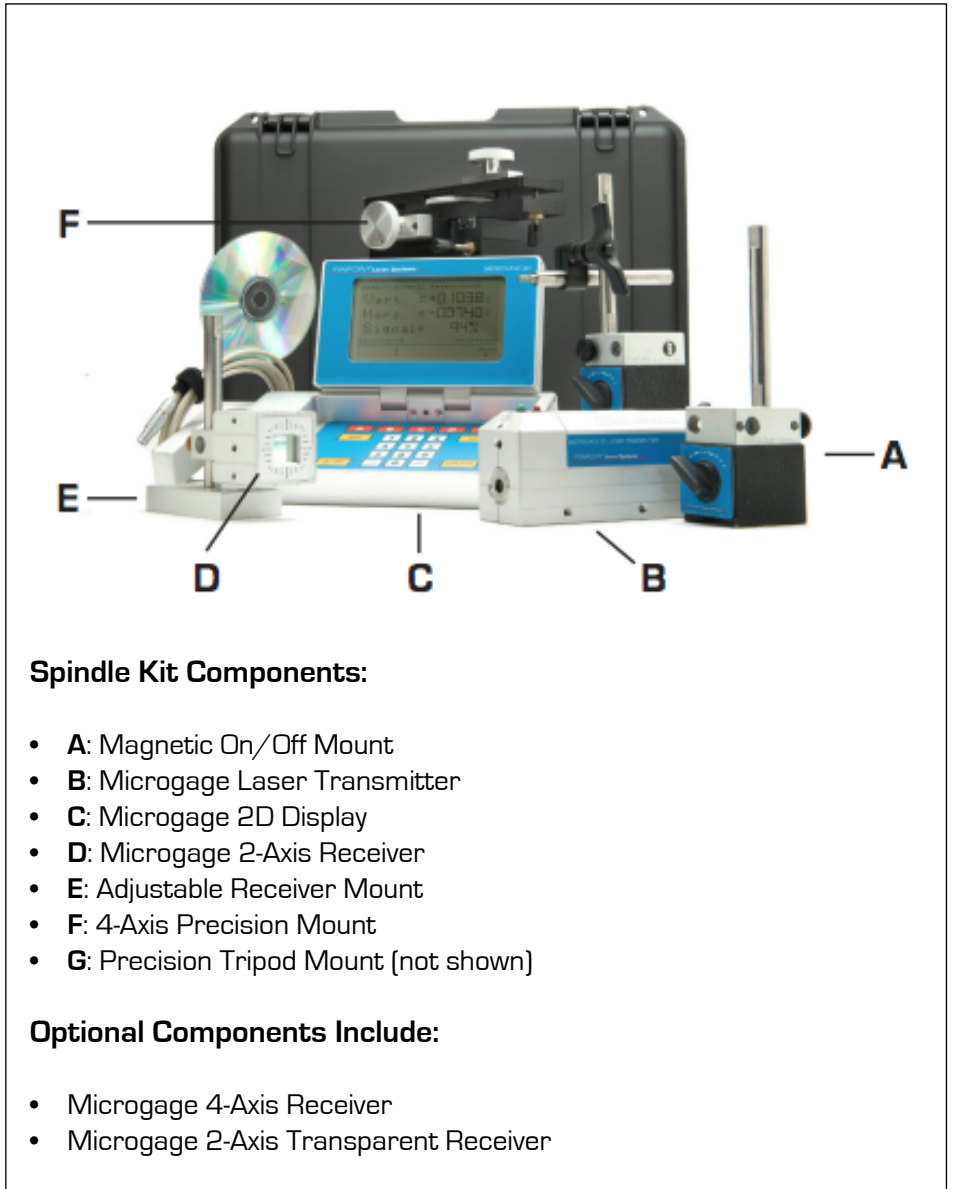


Features:

- 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



Spindle Kit Components:

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

Optional Components Include:

- Microgage 4-Axis Receiver
- Microgage 2-Axis Transparent Receiver

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