



Laser Microgage PRO Dual Axis Measuring System: *Flat Kit*

Applications:

- Checking machine beds
- Profiling surfaces and assemblies
- Aligning roller and web systems
- Positioning machinery and equipment
- Checking flanges and circular planes
- Measuring runout in gantry and machine tools
- Setting tracks, rails, and guides in place
- Assembling large weldments and fixtures
- Adjusting silicon wafer stage and PCB handling equipment

Flat Kit Includes:

- Microgage PRO Laser Transmitter
- Microgage PRO Smart Display Unit
- Microgage 2-Axis PRO Receiver
- Adjustable Receiver Mount
- Precision Tripod Mount
- Magnetic On/Off Mount
- Leveler Rotational Mount
- Pinpoint Capture™ Software
- Computer USB Interface Cable
- Hardshell Carrying Case
- Operation Manual



About the Flat Kit

The laser transmitter is placed onto a precision rotating base called the Leveler Rotational Mount which allows the laser to swing through a full circle and define a flat, precise plane of laser light. This plane of light is flat to within 0.001 inch over a 24 foot diameter area. The Microgage receiver is then moved to various locations around this work area and the laser is aimed to the receiver to make a height or profile measurement at that location.

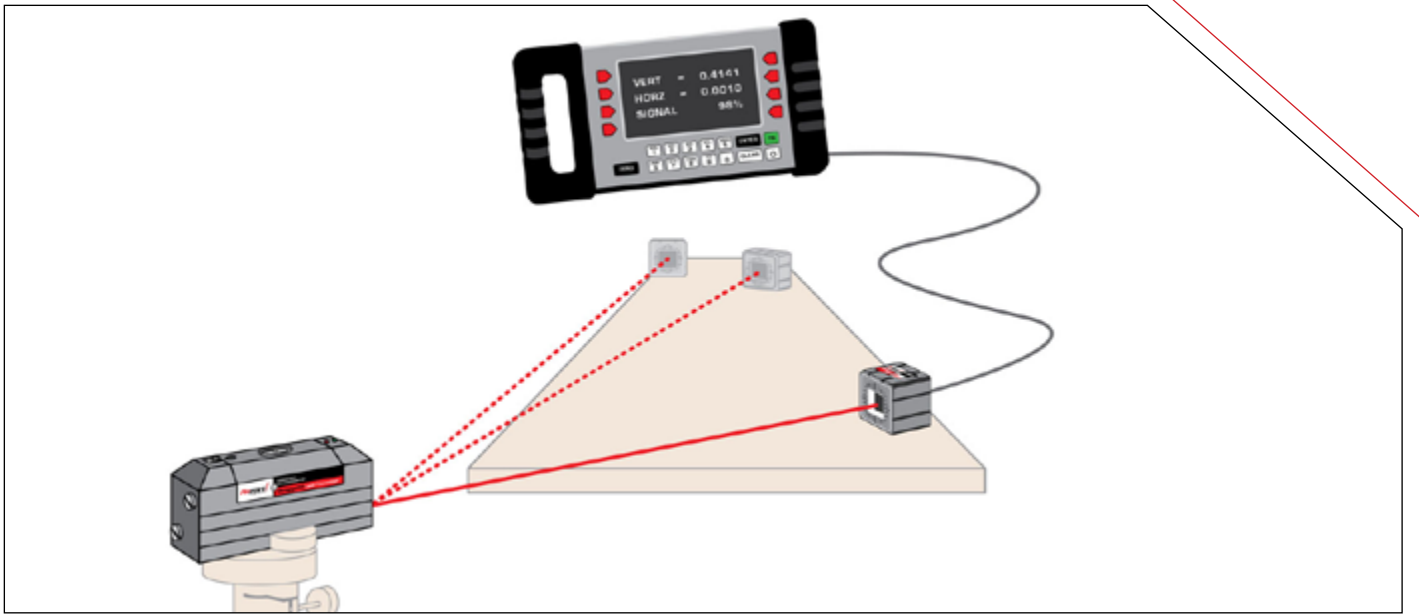
The leveler can be adjusted with three precision adjustment screws and leveled if needed. It is convenient to mount in multiple areas. This is a very versatile part of any laser measuring system.



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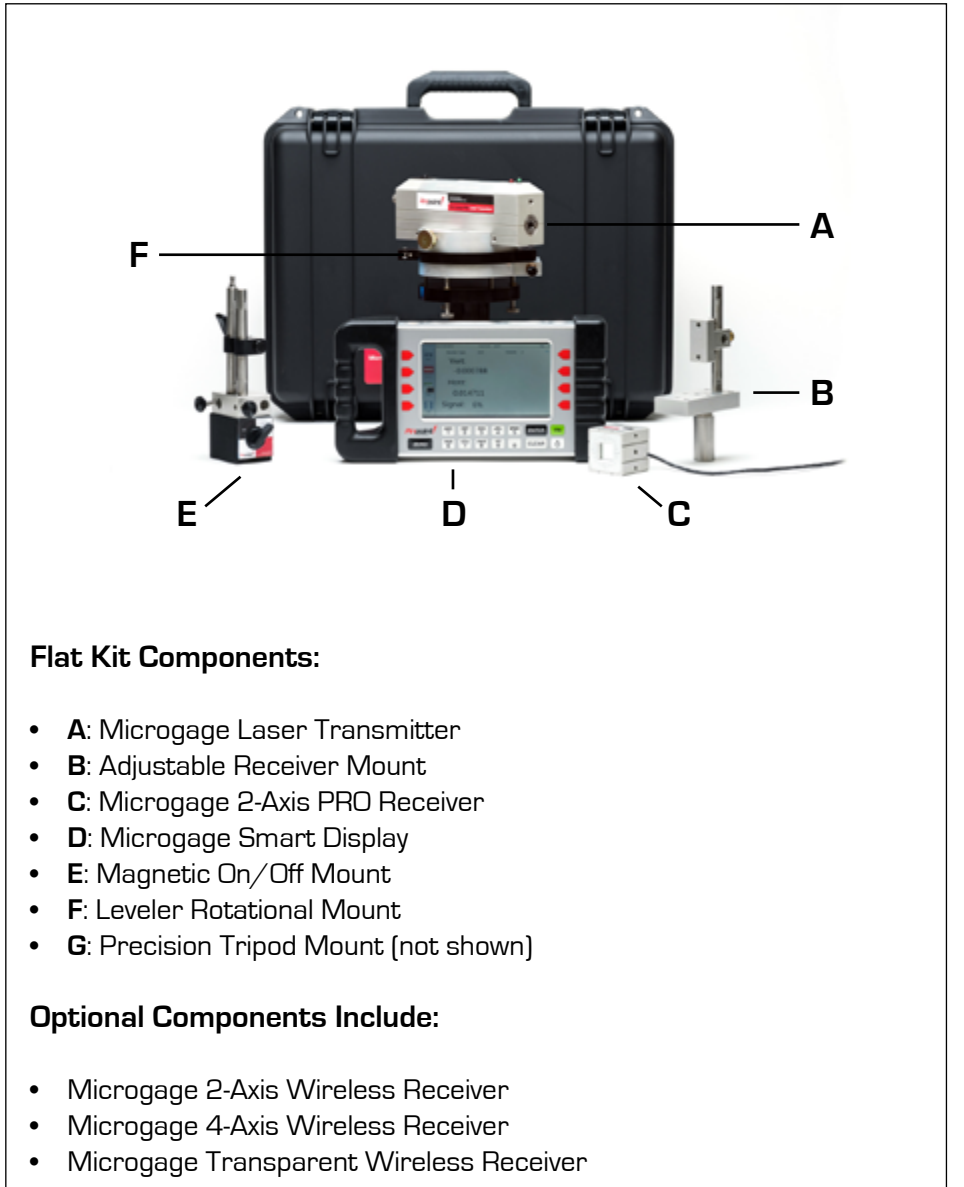


Features:

- PRO Smart display unit
- Easy to set up and use
- Precision leveling capability
- 360° planer capability
- Compact, durable, & portable
- 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



Flat Kit Components:

- **A:** Microgage Laser Transmitter
- **B:** Adjustable Receiver Mount
- **C:** Microgage 2-Axis PRO Receiver
- **D:** Microgage Smart Display
- **E:** Magnetic On/Off Mount
- **F:** Leveler Rotational Mount
- **G:** Precision Tripod Mount [not shown]

Optional Components Include:

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

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