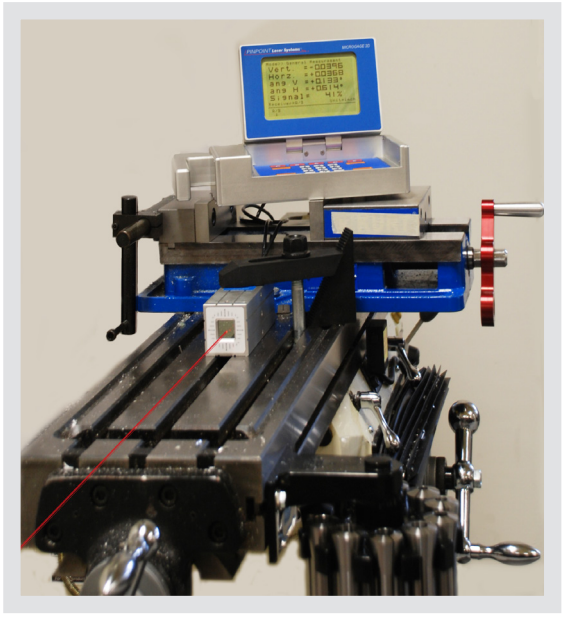
4D Microgage Receiver

P/N: PLS-004-05

The Microgage 4D Receiver delivers useful alignment information for checking industrial machinery and equipment. A laser reference beam defines a centerline and the 4D Receiver provides a precise measurement for the left/right and up/down position of the receiver. In addition to these two linear axes, the receiver also provides the angular components (pitch and yaw). All four readings are shown in real time on the Microgage 2D Display. The linear measurements are very useful for showing runout and centerline errors while the pitch and yaw readings help identify parallelism and rotational misalignments. The Microgage 4D receiver is ideal for checking lathes, spindles, moving stages and slides, reciprocating machinery, milling machines, rams and pistons, injection molding machinery and more.

The 4D Receiver housing is machined from a solid block of aluminum with square, flat reference surfaces and threaded mounting points for attachment to machinery and equipment. A hard anodized coating protects the external surfaces and provides years of resistance against wear and abrasion. The receiver has a sensitivity of 0.0001 inch in the two linear axes and 0.002 degrees in the pitch and yaw axes. Readings can be stored on the Microgage Display or uploaded in real time to a laptop or PC.



Features:

- Precision of 0.0001 inch and 0.002 degrees
- Operates in any orientation or position
- Mounting points for easy attachment
- No moving parts or calibration required
- Solid, machined aluminum housing
- Easy to set-up and use
- 1 Year Warranty/Product Support

Applications:

- Lathe and machine alignment
- Bore and shaft alignment
- Checking stage and slide travel
- Aligning injection molding machines
- Adjusting extruder screws and barrels
- Checking CNC milling equipment

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

Info@pinpointlaser.com • Fax 978-532-8002 • 56 Pulaski Street, # 5 • Peabody, MA 01960 • USA