



The Microgage Bore Receiver is an innovative solution for precisely measuring the straightness of a tube or bore. The Bore Receiver was developed to meet the demands of our industrial customers, many of whom utilize manufacturing equipment with precision bores that require flexible, precise bore alignment to improve quality and keep their machines running smoothly. The receiver is supplied with sets of interchangeable collars that are designed to precisely fit the bore inside diameter. These collars can be manufactured in

different shapes, configurations and materials depending on the contour or condition of the bore tube. Industrial applications include measuring the straightness of propeller shaft bores, gun barrels, extruder barrels, engine cylinders, drive shaft bore tubes, and many more.

The Receiver works by inserting it into the bore where it detects a laser reference beam moving through the entire bore. As the Bore Receiver moves through the tube it gathers readings along the way. The Display unit clearly shows the readings in each location along the path and can quickly and accurately detect defects. Using the Pinpoint Capture software, these readings can be recorded and then plotted into a graph.



### Features:

- Precision of 0.0001 inch
- Adaptable to many bore sizes
- Operates in any orientation or position
- No moving parts or calibration required
- Solid, machined aluminum and stainless housing
- 1 Year Warranty/Product Support

### Applications:

- Measuring bore and tube straightness
- Bore and shaft alignment
- Checking pistons and rams
- Aligning injection molding machines
- Adjusting extruder screws and barrels