

The Specialist for

- Contactless Dimensional Measurement
- Customer Specific Solutions
- 40 years Reputation



IN–LINE Dimensional measurement in steel and metal industries

The company BA-Messtechnik (former Bruno Richter) is one of the leading manufactures of gauges for In-Line dimensional measurement in steel and metal industries.

We measure In Line in cold and hot rolling mills

- the DIAMETER and PROFILE of wire, bars, profiles, tubes, pipes...from 0,1 mm dia. to 1000 mm dia. and more
- the WIDTH of sheet metals, stripes...from 1 mm to 3000 mm
- the THICKNESS of sheet metals and flat materials from 0,02 mm to 200 mm

With a reputation in measuring technics of more than 40 years, we are one of the pioneers in the field of laser application for contactless dimensional inspection of long products. Our gauges are in service working worldwide in hot and cold mills.

We have a solution for each measuring problem. From the static one-axis shadow gauge with a display only up to the rotating gauge including up to date data processing and Statistic Process Control.

For each application, we can offer the optimum customer specific configuration.

Special features of the diameter gauges type DO – beside the self-evident high accuracy – are:

- Easy maintenance – e. g. for cleaning quick exchange windows can be removed in a few seconds.
- Low running costs – e. g. the gauges produce the necessary cooling and purging air themselves by integrated fans, compressed air from the plant is not necessary.
- High reliability in service – e.g. the rotating gauges have a wireless data transmission, not a sensitive sliding contact.
- Long service life – e. g. DO gauges, delivered 25 years ago, are still in use. Of course, we do have spare parts in stock for these gauges and serve them.

New developed gauges using “Light Section Technic” measure complexe profiles e. g. rails, I-sections... with high measurement rate and accuracy.