

Tube 2012 Preview

Exhibition: **Wire 2012, 26 – 30 March, Düsseldorf, Germany**
Company Name: **ZUMBACH Electronic AG**
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At the TUBE 2012 in Düsseldorf ZUMBACH will again present many new developments and products. The following is a summary of the most important ones:

- **STEELMASTER SMR Gauges**

- **New Rotating Gauges for High Speed Dimension Measurement in Hot Rolling Mills.**

- These new gauges feature, among others, a revolutionary new system for fully contactless power and signal transmission from the laser heads.

- Additionally they offer novel and significant advantages over other gauges, when it comes to fast and accurate capture of dimensions in longitudinal and radial direction. The maintenance for SMR gauges is close-to-zero.

- The mechanical concept is extremely simple and robust; no wear parts, no collector rings, no brakes, etc.

- **PROFILEMASTER®**

- **New In-line Profile Gauge for Hot Rolling Mills.**

- In addition to the existing line of profile gauges for cold steel and metal profiles, Zumbach exhibits this new version for hot applications. The gauge is based on triangulation by camera vision, often also called “light cut” principle.

- Thanks to a unique concept, the PROFILEMASTER® delivers highly accurate and stable readings (which is not “natural” by this principle, used in many gauges). A high reliability is guaranteed thanks to a sophisticated, multi stage protection and purging/cooling system.

- Another key advantage is the trouble-free maintenance with quick and easy access to the maintenance points.

- **ECOGAUGE Systems**

- **New Compact and Low Cost Diameter/Width Gauges for Hot and Cold Processes.**

- On show will be one of the new upgraded ECOGAUGE systems of single axis gauges. With new models, ECOGAUGE 160 and 550, the range of applications have been extended to a diameter of 500mm (20in.).

- Typical solutions are between rolling stands for bar or for strips or in conveyors, after hot extrusions, after radial forges or in peeling and grinding operations. Mounting is very flexible and possible in horizontal, in vertical or any orientation.



Rotating Measuring Unit SMR with fully contactless transmission of power and signals.