

In-Line and Off-Line Dimensional and Quality Control with Measuring and Control Systems from Zumbach Electronics

Zumbach offers a complete line of modular, single, dual or triple axis ODAC[®] laser gauges and USYS data acquisition, processing and display units.

ODAC[®] is the registered trademark for laser diameter and dimensional measuring gauges from Zumbach Electronics, one of the leading manufacturers in this domain. Over 60'000 ODAC[®] scanners or systems are operating worldwide for in-line measurement of diameter, ovality and other dimensions in industrial processes.

The gauges are based on the latest laser scanning technology and on Zumbach's long experience in this field. With the practically unlimited installation and configuration possibilities, these gauges can be used in all manufacturing processes, including:

- Extrusion of cables, hoses, profiles etc.
- Steel and metal industries: drawing, grinding, cold and hot rolling of rods, tubes etc.
- NDT lines for any product
- The food industry for packaging, sausage skins and more
- Tubing, pipe and conduit extrusions

A complete line of USYS systems for the data acquisition, processing, display, statistics, process control and networking is available for any specification and budget. All USYS processors are industrial, stable, easy to operate and extendable. They can process up to 6 ODAC[®] gauges plus other sensors, speed and event inputs.

Today, the ability of sensors or processors to communicate with other computers or networks is essential. ZUMBACH offers a variety of ODAC[®] versions, interface units and USYS software to satisfy almost any need and concept.

Outstanding Advantages

ODAC[®] Laser Scanners

- High resolution and accuracy
- High measuring rate, up to 2400 / s
- Integrated fault detection function
- Permanent calibration
- Robust and longevity
- Insensitive to dirt
- Optically immune
- No safety problems

USYS Processors

- For each application and each budget the optimal model
- Extremely fast and powerful thanks to Zumbach hardware and real-time software
- Industrial, easy to operate
- Rugged and stable evaluation and processing system
- Programmes on flash disc (no hard disc)
- Process specific configuration and software packages
- Flexible for extension

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For immediate release

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Picture: ODAC® Group (top) of dimensional laser gauges with USYS Group (bottom right) of data acquisition, processing and display units