

ODAC[®] 100

Hi-Tech Laser Diameter Measuring Head with 100 mm (3.94 in.) Measuring Field and Integrated Processor.

The new **ODAC 100** head is based on ZUMBACH's vast experience, gained over many years of designing and manufacturing optical diameter gauges.

The **ODAC 100** is manufactured with a modular design. It is available with a support rail or as individual emitter and receiver parts when a maximum of flexibility is required to install the head in any position. The ODAC 100 head can also be installed in constricted confines or several emitter/receiver pairs can be mounted in the same plane. The head is offered with a complete range of accessories and interface units for optimal integration into almost any process and thus can be used for all products.

Options, such as diagnostic output, input/output for synchronization of multiple ODAC measuring heads, analog interface, local display unit, calibration standards, limiting support, splash guards etc. complete this new ODAC 100 head.

ODAC 100 is available in following versions:

- **J** version (for USYS processors from Zumbach)
- **JS** version (for the external synchronization of multiple units)
- **RS** version (serial interfaces: RS-232/-422/-485)
- **DP** version (PROFIBUS DP)
- **EN** version (Ethernet)

Advantages:

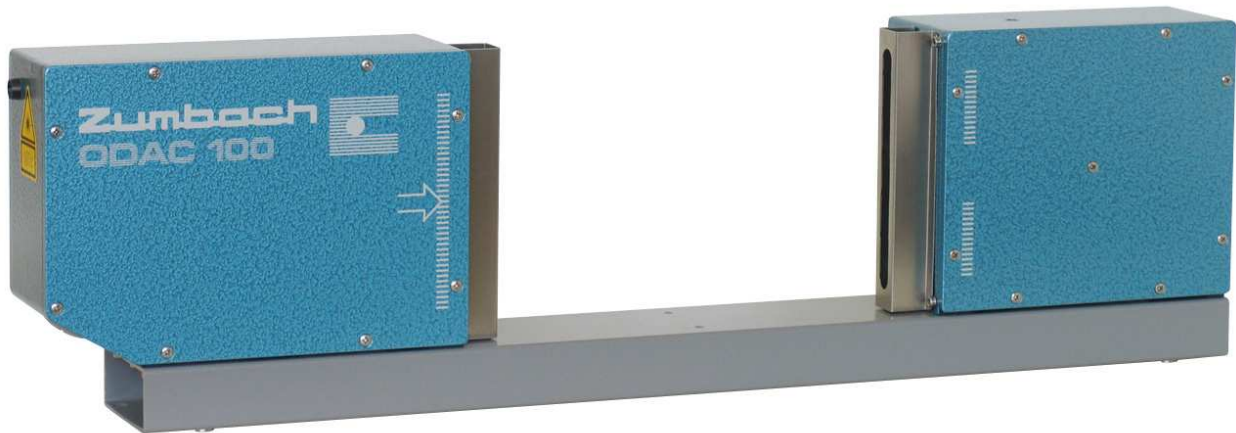
- Very high scan rate = 1000/s (option = 2000/s)
- Highest precision
- Compact and rugged design
- Flexible mounting
- Special beam geometries available :
 - Narrow beam for contour measurements
 - Parallel beam for profiles and similar
- Different measuring modes, e.g. for diameter, gap, penetration, multiple measurement etc.

April 2006

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Picture: ODAC® 100 measuring head

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