



## New Product Flash

# ODAC<sup>®</sup> 60J

**Hi-Tech Laser Diameter Measuring Head with 60 mm (2.36 in.) Measuring Field.**

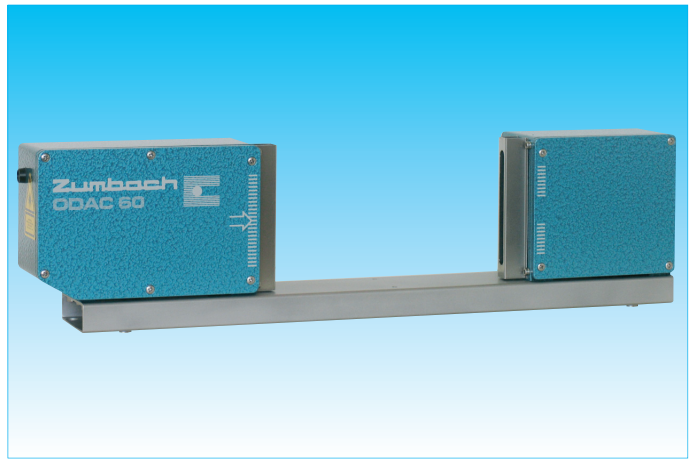
- High Scan Rate: 1000/s (Option: 2000/s)
- Very High Precision

The new **ODAC 60J** measuring head uses the latest laser scanning technology.

The ODAC 60J 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 60J 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.

**ODAC 60** is available in following versions:

- **J** version (for USYS processors from Zumbach)
- **JS** version (for the external synchronization of multiple units)



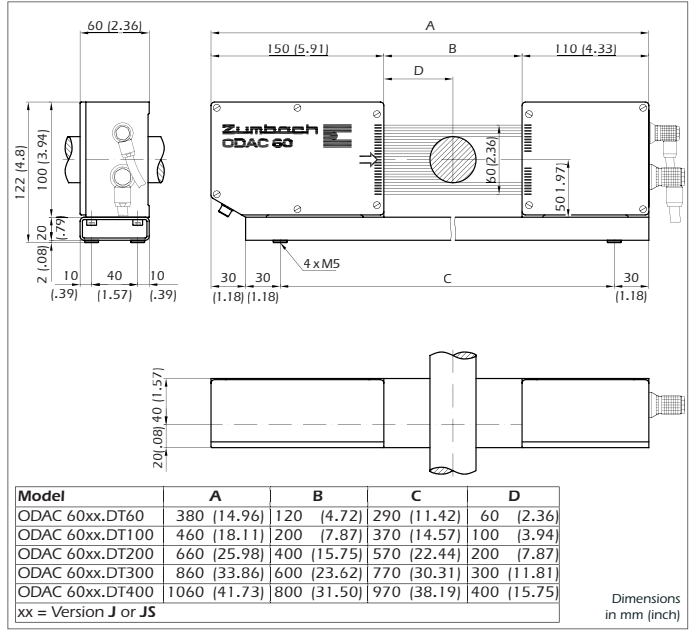
### Typical Applications

- Cable extrusion, hoses, profiles etc.
- Metal / steel processes such as drawing, grinding, bars, tubing etc.
- Testing (NDT) for all kinds of product
- Food, packing, medical tubing etc.

### Advantages

- Very high scan rate
- 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.

### Dimensions



### Options / Accessories

- Diagnostic output
- Input/output for synchronization\* of multiple ODAC measuring heads
- Calibration standards, standard holders
- Limiting support
- Air curtain/Splash guard
- Guides (upon customer specific request)
- Computer interface CI 1J/RS for RS-232/422/485, PROFIBUS DP, Ethernet

\* Signal processing with special USYS unit

### Main Data

Measuring field	60 mm	(2.36 in.)
Min. diameter of object	0.2 mm	(.008 in.)
Repeatability	+/- 0.0003 mm (+/- .000012 in.)	
Scanning frequency	1000/s (Option: 2000/s)	
Scanning speed	Standard:	157 m/s (515 ft/s)
	Option:	314 m/s (1030 ft/s)
Light source	VLD (Visible Laser Diode), class II	
Type of protection	IP 65	

▪ Technical specifications are subject to change without notice