

## New Product Flash

# Turbo Air Guard

## For ODAC® Laser Heads

**Reliable and Accurate Diameter Measurement in Wire Drawing with Dry Lubrication. For Laser Scanners ODAC® 14XY, 15XY, 18XY.**

### Background

Non contact diameter- and ovality measurement with laser scanners becomes more and more a necessity also in wire drawing. A central problem is the need to keep the laser windows clean from lubricant powder and dirt, in order to ensure long cleaning intervals. Also the cleaning operation must be simple and quick.

### The Turbo Air Guard Solution

The Turbo Air Guard is an accessory for the laser heads ODAC® 14XY, 15XY and 18XY. It was developed based on the experience with many wire drawing applications. The system works with a special "Turbo Air Guard" insert and a compact turbo blower generating the necessary air pressure volume. The aerodynamic design ensures at the same time cleaning of the wire and maintaining the laser windows free from lubricants and dirt.

### Key advantages

- Efficient cleaning effect
- Accurate and reliable diameter measurement
- Long maintenance/cleaning intervals
- No need for expensive compressed air
- Close-to-zero maintenance

### Technical Data

The system comprises 3 main components:

- Turbo Air Guard insert
- Turbo filter/blower
- Connection hose

Voltage	230 or 115V~, 50 /60 Hz
Power	0.2 kW
Pressure difference	90 hPa
Air volume flow	max. 55 m <sup>3</sup> /hr

