

# BarPro

## Measurement and Control of Centerless Ground Products

BarPro is a comprehensive package of hardware and software designed to work with Beta LaserMike laser micrometers to provide precise gauging, control, and SQC data collection for centerless grinders and bar turners. With BarPro, you can reduce scrap, increase productivity, and document your product quality.

The BarPro system uses Beta LaserMike's non-contact diameter gauges to continuously measure each item as it exits the grinder. Measurement data is collected and displayed in large, high-visibility characters that are color coded to indicate the status of the product. A real-time run chart shows the recent measurement history for each of the grinders.

The BarPro system also provides automatic grinder compensation. The measured diameter is compared to user-defined limits and the system automatically signals the grinder compensation when the part diameter is too large (or too small if bi-directional compensation is used). The grinder compensation controls adjust the regulating wheel position to automatically maintain product within specification limits. From one to four grinders (or bar turners) may be monitored and controlled from a single PC.



### The BarPro Advantage

- € Non-contact laser gauging
- € 100% inspection for more consistent bar size
- € Increased throughput and operator efficiency
- € Size, status, and measurement history for up to four grinders on one PC
- € Automatic size compensation and other control options
- € Save SPC data locally or via network



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