

**“Driven Top Guide” for low mass parts**

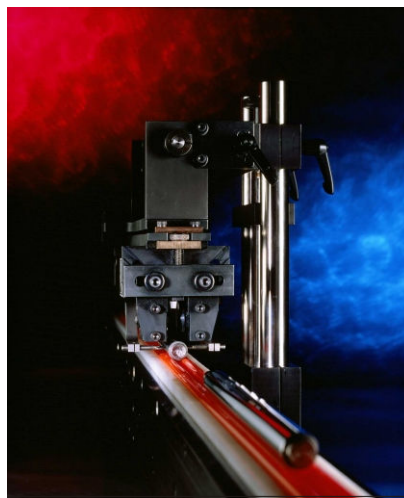
## **TFD-24**

### **Centerless Grinder Gage**

- ***Cut your grinding costs with automatic grinder control based on real-time diameter measurement***
- ***Rolling “V” and “Driven Top Guide” versions available***

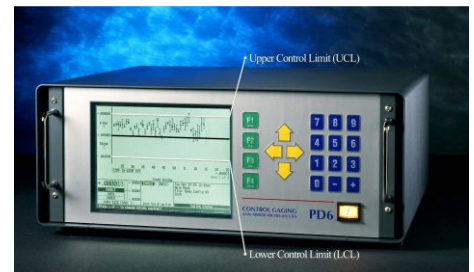
**Y**ou can reduce operator intervention and improve grinder productivity by measuring each part as it leaves the grinder and controlling the grinder based on real time part size. The TFD-24 “Rolling V” or “Driven Top Guide” size control gage, when used with Control Gaging’s PD-6(n) Statistical Controller can significantly reduce your grinding costs by analyzing real-time part data for reliable “closed loop” automatic grinder control.

The TFD-24 Gage is integrated into a dual belt gaging conveyor. Parts are driven to and through the gage. As parts enter the fixture, the gage head pivots and lifts on an adjustable “Rolling V” to insure that the gage fingers contact the part along the part centerline. Both gage fixture centerline height and the “Rolling V” can be easily adjusted to accommodate parts within the gage fixture measurement range. The TFD-24 employs a rugged and robust Model 66 gage head.



**Rolling “V” Version of TFD-24 Gage**

The Model 66 was developed to withstand the harsh environment typically found on production grinders. The Model 66 gage features Control Gaging’s patented slip-clutch mechanism. The slip clutch both protects the gage from internal damage in a gage wreck and cuts gage setup time (zeroing gage) to less than 60 seconds.



### **PD6n Statistical Controller**

The PD6n Statistical Controller is designed to maintain best overall part size by controlling the grinder to it’s best capability. Control Gaging’s statistical control techniques significantly outperform all other methods of part size compensation currently available.



## **Control Gaging Incorporated**

5200 Venture Dr. Ann Arbor Michigan 48108  
Web: [www.controlgaging.com](http://www.controlgaging.com)

Phone: 734-668-6750 Fax: 734-994-1335  
Email: [sales@controlgaging.com](mailto:sales@controlgaging.com) TFD24PD6n+.cdr

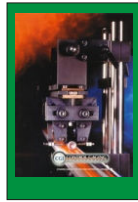
**In-Process Gage Guide**



Covers in-process gaging for grinders including: ID, OD, Part Positioning, Thru-spindle gaging and more. Cut your grinding costs with automatic grinder control based on real-time part measurement

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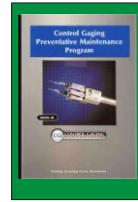
**Centerless Gage Guide**



Process Control Gage Systems for thrufeed centerless grinders. Improve grinder productivity and part quality through closed loop statistical compensation and control. Now includes Disc Grinder Gages

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**Preventive Maintenance**



Correct minor problems before they become major expenses with a preventive maintenance program from Control Gaging. Find out about Repair Training & On-site Tech Support. Custom maintenance programs available.

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**Disc Grinder Gage Guide**



Excellent discussion of the principles of automatic control of Disc Grinders including Vertical Spindle, Horizontal Spindle, Thrufeed Disc and more. Covers compensation methods and gaging strategies.

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**"Ring Gage" Guide**



Breakthrough product measures each ring individually as it leaves the centerless grinder for optimal process control and part quality. Measure and control workpiece diameter "on-the-fly."

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**Statistical Controller Guide**



The PD-6n based closed loop size control system uses statistical analysis so that your grinder automatically produces parts to the best of its capability. Find out how!

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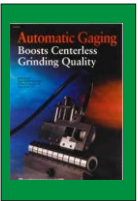
**3 Year Warranty!**



As a result of the improvements in our Quality System, Control Gaging now offers the best warranty in the industry; a 3 YEAR WARRANTY on all of our GAGE HEADS, MONITORS (amplifiers)

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**Automatic Gaging Article**



*Manufacturing Engineering* article covering control techniques to optimize your centerless grinders' quality and productivity. Includes testimonials and case studies.

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**Give Me a Call!**



I'd like to hear more about ways to reduce downtime and improve the productivity of my grinding operation!

**Phone**

Call Me

*Looking forward to hearing from You!*

**Affix Business Card Here**

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 FAX TO 734-994-1335      Attn: Stacey Stites