

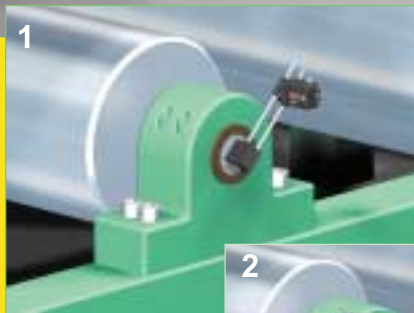
# Easy-Laser®

Measurement and Alignment Systems

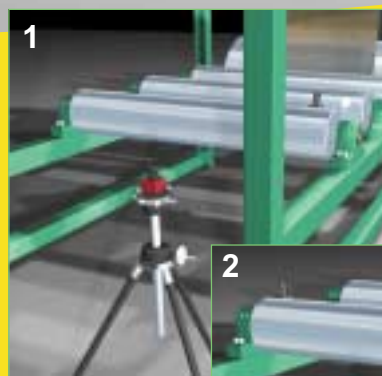
D 670 Parallelism

## Pulp and Paper industry

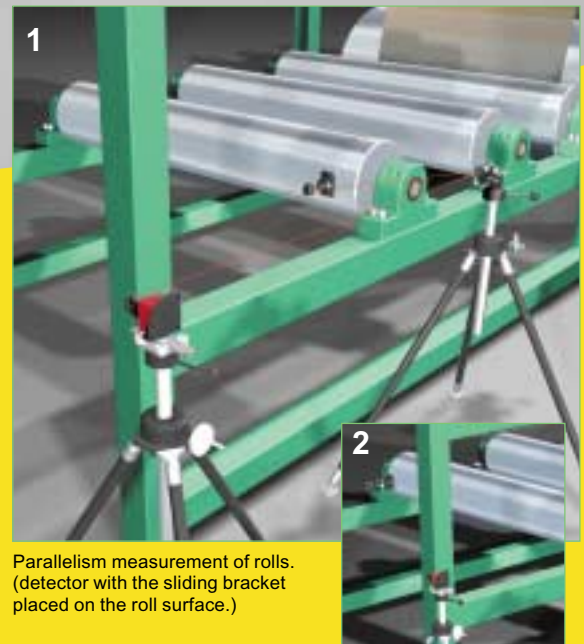
Parallelism - Straightness - Flatness  
Horizontal plane (Level) etc.



1  
2  
Parallelism measurement of rolls. (Detector with the magnet base on the roll shaft end.)



1  
2  
Level measurement of a roll. (Detector with the sliding bracket on the roll surface.)



1  
2  
Parallelism measurement of rolls. (detector with the sliding bracket placed on the roll surface.)

### For every need

The Easy-Laser® systems solves all of your measurement tasks at your plant:

Parallelism between rolls and foundations, horizontal level, flatness and straightness of wire section, flatness of foundations and straightness of rolls. With just a few accessories you can also perform shaft alignment (horizontal, vertical and offset mounted machines).

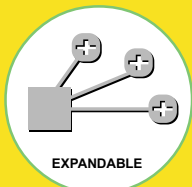
Easy-Laser® is the complete solution for your measurement and alignment needs.



ELECTRONIC  
INCLINOMETER



PRINTER / PC



EXPANDABLE

# D 670

# Easy-Laser®

Measurement and Alignment Systems

## D670 Parallelism

### Versatile design

The Easy-Laser® D670 Parallelism system has evolved by more than 20 years of field experience in solving measurement and alignment problems. All of the parts included in the system are designed and built for even the most demanding workplace and for easy setup on any machinery. The versatile design solves the measurement problems quickly for any kind of application.

Objects up to 80 m [264 feet] (40 m in each direction from the transmitter) can be measured in a single setup. The detector reads 2-axis measurement values (horizontal and vertical), with a resolution of 0.001 mm [0.05 mils].

After finished measurement any roll or base line can be used as reference, and the results are displayed digitally and graphically on the display unit.



### D 670 Parallelism

- 1 Display unit D279
  - 1 Leatherette case\*
  - 2 Cables with Push/Pull-connection (2m, 5m)
  - 1 Detector D5
  - 1 Magnet base with turnable head
  - 2 Sets of extension rods
  - 1 Swivelling laser D22
  - 1 Sliding table
  - 2 Large targets
  - 1 Sliding bracket with turnable head
  - 1 Angular prism D46
  - 2 Tripods
  - 1 EasyLink™; Program CD + PC cable\*
  - 1 Measuring tape\*
  - 1 Manual\*
  - 1 Carrying case\*
- (Printer is accessory) \*Not on picture



This product complies with:  
SS-EN60825-1:1994  
21 CFR 1040.10 and 1040.11



05-0170 Rev1

**Damalini**  
Measurement And Alignment Technology

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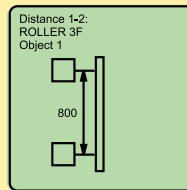
Authorized dealer

## Easy to use

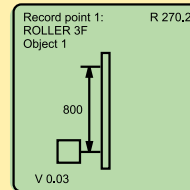


### Parallelism program (Example)

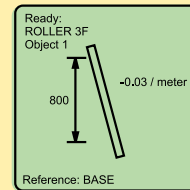
You are lead step-by-step on the display through the whole measurement process (Brief description below).



Enter the distances between the measurement points.



Place the detector at the measurement point assigned on the display and record the first value.



The result display with graphics displaying the angle direction and a value for the angle in mmlm or milsinch.



### Send data to PC

With the EasyLink™ Windows® program (included) you can make professional reports with both pictures and measurement data, export to spreadsheets like Excel® and try different settings of reference objects to optimize your adjustment and tooling work.



First roll as reference



Base line as reference



### Store in the display unit

You assign a specific name, then the system adds date and time automatically. Up to 150 rolls or other objects can be stored.



### Make a printout

You get all measurement data on the printout for fast documentation.

## Expandable

Since all programs are included in the software of the display unit, the Easy-Laser® D670 system can be expanded to suit your special needs, both now and in the future. You just add the appropriate accessories such as lasers, measuring units for shaft alignment and other fixtures. For detailed information, please see our other brochures.



### Other measurement programs/functions included:

<b>Squareness</b>	<b>Flatness</b>	<b>Straightness</b>
<b>Plumbline</b>	<b>Flange</b> (flatness)	<b>Offset and Angle</b>
<b>Spindle direction</b>	<b>Easy-Turn™</b> (shaft alignment)	<b>Horizontal</b> (shaft alignment)
<b>Vertical</b> (shaft alignment)	<b>Cardan</b> (shaft alignment)	<b>Softfoot</b> (shaft alignment)
<b>Center of Circle</b>	<b>Half-Circle</b>	<b>V 0.00</b> <b>H 0.00</b> <b>Values</b>
<b>BTA digital</b> (belt transmission alignment)	<b>Machine Train</b> (shaft alignment)	<b>Thermal growth</b> (shaft alignment)
<b>Vibrometer</b> (vibration level and g-value)	<b>Tolerance check</b> (shaft alignment)	<b>Measurement value filter</b> (sub function)