

# ALIGNEO®

Precision laser alignment instantly. No trial and error!

Number 1 in laser precision alignment

 PRÜFTECHNIK  
Alignment Systems

# ALIGNEO®

## Standard features

Static measurement mode – requires any 3 of the 8 available 45° measurement positions

UniBeam® – for quick adjustment of the single laser beam

Coupling and foot results displayed in both numerical and graphical format

Live monitoring of horizontal or vertical machine corrections

Soft foot check – measure, correct and save results

Alignment of 6-foot machines

Alignment of nonrotatable and uncoupled shafts

Measurements unaffected by coupling backlash

Save up to 10 measurement files

Automatic data protection in case of power interruption

Pre-assembled brackets designed for quick and rigid set-up

Protected against dust, water and grease in compliance with classification IP 65 and IP 67

PC freeware ALIGNMENT REPORTER for measurement file backup and printing reports

### Alignment results in 3

'ALIGNEO' steps:

1. Enter dimensions
2. Rotate shafts
3. Display alignment condition



## Powerful options

Automatic continuous measurement as shaft is rotated – start and stop rotation at any position

TolChek® – automatic evaluation of alignment condition

Ability to enter alignment targets and thermal growth values

Fixed feet selection – resolves base-bound and bolt-bound problems

InfiniRange® extends detector measurement range to handle gross misalignment

Multipoint mode – measurement at any 3 or more positions over 60° rotation or wider

Alignment of vertical and flange mounted machines

Alignment of spacer shafts

An attractive package consisting all features plus the ability to save up to 99 measurement files

The PC Software ALIGNMENT CENTER provides the perfect solution for preparing, analyzing, organizing, archiving and printing professional colour reports

PRÜFTECHNIK Alignment Systems is the market leader in precision laser alignment. Our 'Made in Germany' hi-tech instruments are used in four-fifths of the top industrial organisations around the world. ALIGNEO® is one of our new laser precision shaft alignment systems.



ALIGNEO® merges **precision alignment** with **timesaving comfort** of an innovative laser alignment system.

### Live Move

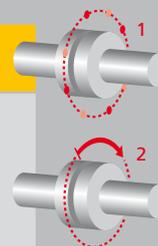
Both horizontal and vertical coupling and foot results are automatically calculated. The large display shows the direction and the correction value of the machine feet to be moved. During the alignment correction, ALIGNEO® monitors and displays the live move.

### Static and continuous sweep modes

In the static measurement mode<sup>1</sup>, readings are taken at any 45° position. Measurement requires any 3 of the 8 available positions.

In the automatic continuous measurement mode<sup>2</sup>, data is automatically collected when the shaft is rotated. Measurement can start at any shaft position and in any direction.

ALIGNEO® determines the alignment condition with a shaft rotation of as little as 60°. The continuous measurement mode is quick and captures hundreds of measurement points, hence more accurate than the 3-clock positions measurement method.



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