

# SHAFTALIGN®

Precision alignment made easier than ever before



• Color TFT screen and USB interface

• Smiley for automatic alignment check 😊

• Intuitive auto-flow functionality

• Upgradable to meet your needs

• Versatile - rugged - affordable

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# SHAFTALIGN®

## Standard features

Active clock measurement mode

High resolution color backlit TFT screen and USB interface integrated

UniBeam® - patented single laser/detector technology

TolChek® – automatic evaluation of alignment condition

InfiniRange® extends detector measurement range to handle any amount of misalignment

Live monitoring of horizontal or vertical machine corrections

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

Save measurement report as a PDF to a memory stick

Save up to 50 measurement files in the device

Data protection - auto save and resume capability

Soft foot check – measure, correct and save results

Computer with powerful rechargeable Li-ion battery

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

PC freeware ALIGNMENT REPORTER is used to backup measurement files and print reports



## Powerful options

Continuous Sweep measurement mode activates automatically as shaft is rotated

Ability to enter targets and thermal growth values  
Customer-defined tolerance

Select any static feet to overcome bolt-bound conditions

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

Alignment of vertical and flange-mounted machines

Alignment of spacer and cardan shafts

Verify measurement repeatability using the results table

Save up to 200 measurement files in the device

Pipe Strain Wizard – to check for pipe strain acting on machines.

The PC software ALIGNMENT CENTER is used for preparing, analyzing, archiving and printing professional reports

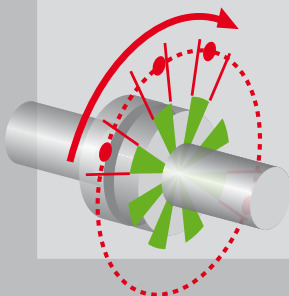
The intuitive Auto-Flow functionality in SHAFTALIGN® guides the operator automatically through the 3 easy steps needed to determine the machinery alignment condition: Dimensions - Measure - Results



### Active clock measurement mode

Intelligent and precise alignment due to the activated electronic inclinometer used in this measurement mode. Measurement can be taken at any 3 (or 4) positions. Sensor angular position is automatically considered in the calculations during shaft positioning and measurement can

start at any position and in any direction, with a shaft rotation over as little as 70°.



### Automatic evaluation of alignment

TolChek® – Dynamic tolerances evaluate the alignment condition based upon the machine RPM. The LED and the Smiley provide visual indication of the alignment condition and live updates during correction.



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