# FIXTURLASER® 30

Fast, easy and accurate alignment of rotating machines, pumps, drives, etc.



# Shaft Alignment System

## Measurement and alignment

The Fixturlaser Shaft<sup>30</sup> is an advanced alignment system providing functions for measuring and aligning machines.

The Fixturlaser Shaft<sup>30</sup> is an entry level to the Fixturlaser alignment platform. It is an easy-to-use tool that anyone can use for the shaft alignment process. It includes pre-alignment functions and memory management.

## Touch screen technology

The user interface is entirely based upon icons and graphics. The touch sensitive screen provides the user with a clear and easily operated alignment



tool displaying only the necessary information. The system is self intuitive and guides the user towards a perfect alignment result.

# Upgradeability

The Fixturlaser Shaft<sup>30</sup> can be upgraded adding more comprehensive functions protecting your investment and allowing you to upgrade with future functions and developments, whenever your pro-cess requires it.

The Fixturlaser  $\mathrm{Shaft}^{\mathrm{30}}$  comes with the following functions:

- Shaft alignment of horizontal machines
- Shaft alignment of vertical machines
- Memory management
- Repeatability test
- Softcheck<sup>™</sup> soft foot measurement
- Feetlock bolt bound and base bound solutions
- Tripoint alignment with limited rotation

The Fixturlaser Shaft <sup>30</sup> system in short:

FIXTUR LASER

Fully upgradeable to include advanced shaft alignment, roll alignment and geometric measurements

Live values provide easy adjustments

Measurement resolution down to 0,01 mm

Bolt bound and base bound solutions





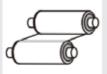
























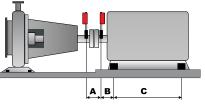
# The Fixturlaser® Shaft<sup>30\*</sup>

- 1 Robust aluminum case
- 2 Combined transmitter/detector units
- 1 Display unit with software
- 2 Chain fixtures
- 2 Cables
- 1 Manual

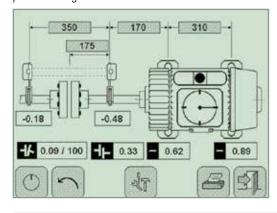


- AC adapter
- Fixturlaser Documenter PC software -Measurement result database
- Fixture for narrow space (10 mm)
- Non-rotating shafts accessories
- Leatherette; Protection cover for the display unit
- Thin chain fixtures
- System printer
- Upgrade packages





The only information required to enter is the measurement values shown above in order to perform a precision alignment.



#### Technical specification\*

Measuring distance
Displayed measurement result resolution
Operating temperature range
Detector size
Power supply
Operating time
Weight complete system

\* Specifications are subject to changes without notice.

Our representatives are all engineers and technicians with special knowledge and training in the latest measurement and alignment techniques. An extensive service program is provided to support

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Three readings are required in order to determine the machine's position. The tripoint method provides a quick and easy way to register the readings. The result is instantly displayed on the screen with all relevant information.

Angular and offset errors as well as the current foot positions of the movable machine are displayed on the screen. All values are continuously updated during adjustment, guiding the operator to a perfect alignment.

Up to 7 meters 0,01 mm 0-40° C 10 x 10 mm Standard batteries, 4 x 1,5 volt Depending on operation cycle 10 - 20 hrs 9 kg

all our customers. It includes telephone assistance, hardware repairs and software updates, as well as training and consultation regarding measurement applications.

#### <u>stra ght to</u> the point