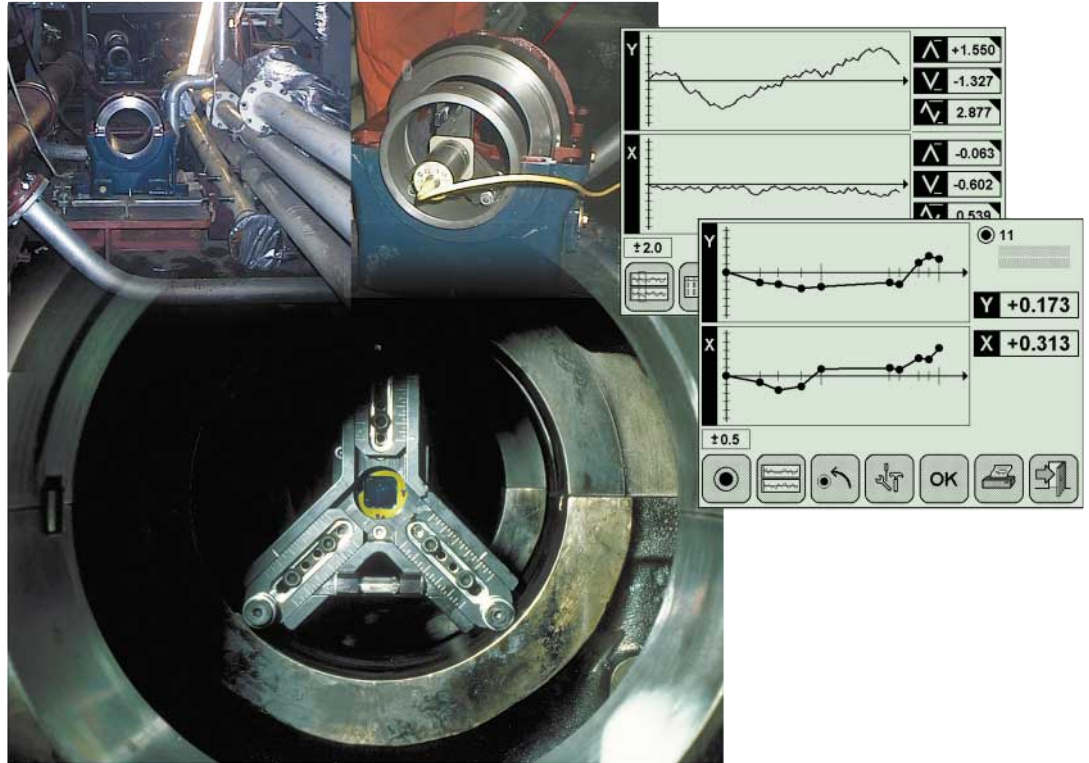


FIXTURLASER[®]

Centering³⁰⁰

FIXTUR
LASER

Fixturlaser AB develops, manufactures and markets high precision alignment and measurement instruments for industrial purposes.



Geometric alignment systems

- Covers diameters from 150 to 550 mm as standard. Other dimensions are available as option.
- Centerline and offset measurements.
- Straightness measurements in one or two axis with up to 99 measurement points.
- Live data during adjustment of measured object in any point.
- Choose any measured point as reference and add comments to each measured point.

The Fixturlaser[®] Centering³⁰⁰ is a flexible standard system for measurements on inside diameters. It is a powerful tool for checking bearing journals as well as positioning of support bearings in applications such as propeller shafts. The Fixturlaser[®] Centering³⁰⁰ measures the rotational center position, in two axes, in relation to userdefined reference points.

The system is based on the Fixturlaser[®] Platform and provides fully functionality for Measurement, Alignment and Documentation of the results. The rigid fixtures together with easy operated components fulfills the requirements on a Quick, Easy and Precise alignment system. Typical applications for the Fixturlaser[®] Centering³⁰⁰ is propellershaft alignment in ships and vessels. The user interface is touch screen operated and displays the measurement result graphically and in figure-

s. Alignment of bearing journals in diesel engines within ship building and power generation where Fixturlaser[®] Centering³⁰⁰ has proved to be most useful.

Touch screen technology

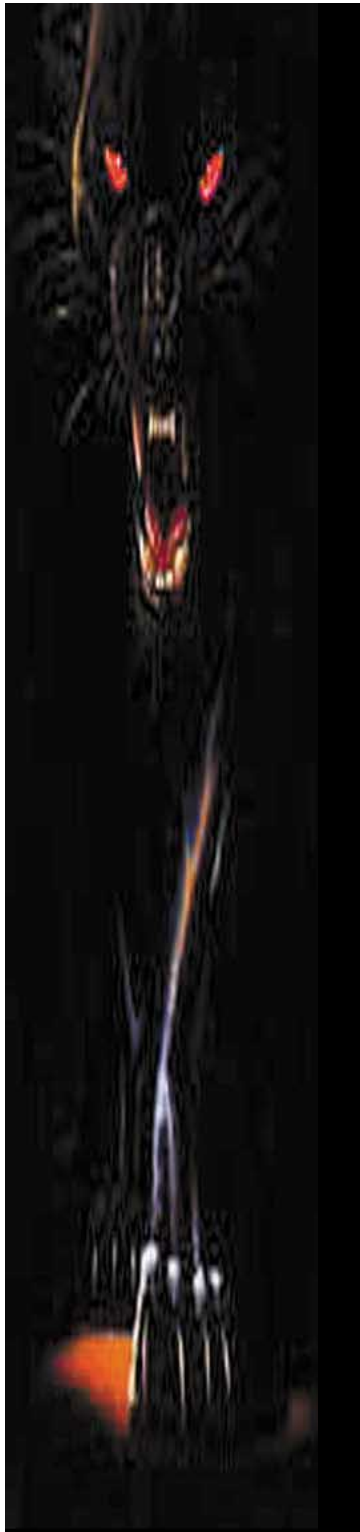
The user interface is entirely based upon symbols and graphics. The touch sensitive screen provides the user with a clear and easily operated tool displaying only the necessary information. The risk for input and operator errors is minimal. No text is used and the system guides the user towards a perfect alignment.

Upgradability

The Fixturlaser[®] Centering³⁰⁰ can easily be upgraded adding more comprehensive functions. This protects your investment. You will always be able to add future functions and developments.



FIXTURLASER® Centering³⁰⁰



Our representatives are all engineers and technicians with special knowledge and training in the latest measurement and alignment techniques. An extensive service programme is provided to support all our customers. It includes telephone assistance, hardware repairs, and software updates as well as training and consultancy regarding measurement applications.

straight to the point

The Fixturlaser® Centering³⁰⁰

- 2 Rugged aluminum cases
- 1 T111 laser transmitter
- 1 R210 detector unit
- 1 Display unit with software
- 1 Cable
- Manual
- 1 Complete set of bearing journal fixtures

Accessories

- ▶ Laser transmitter T220/ T210 with plane sweep function.
- ▶ Printer, a battery operated printer designed for use with the Fixturlaser® platform.
- ▶ AC-adaptor
- ▶ Leatherette protection cover, for the display unit.

DU20, Display unit

Handheld battery operated display unit with backlit icon based touch screen interface.



The Fixtures

The fixtures are precision manufacture in aluminium and hardened steel. The complete set of fixtures is delivered in one rugged carrying case.



T111, Laser transmitter

Precision machined, hard anodized, housing with micrometer screws for fine adjustments of laser beam. AC-powered.



R210, Detector unit

Precision machined, hard anodized, housing with high resolution, 0,001 mm, 2-axis detector.



Facts

Displayed measurement result resolution	0,001 mm (0,1 mils)
Operating temperature range	0-40°C (32- 122°F)
Power supply	All units except the T111, runs on standard batteries.
Operating time	Depending on operation cycle 10 - 20 hrs.
Measurement diameters	150-550 mm (6"-22") with standard equipment.



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