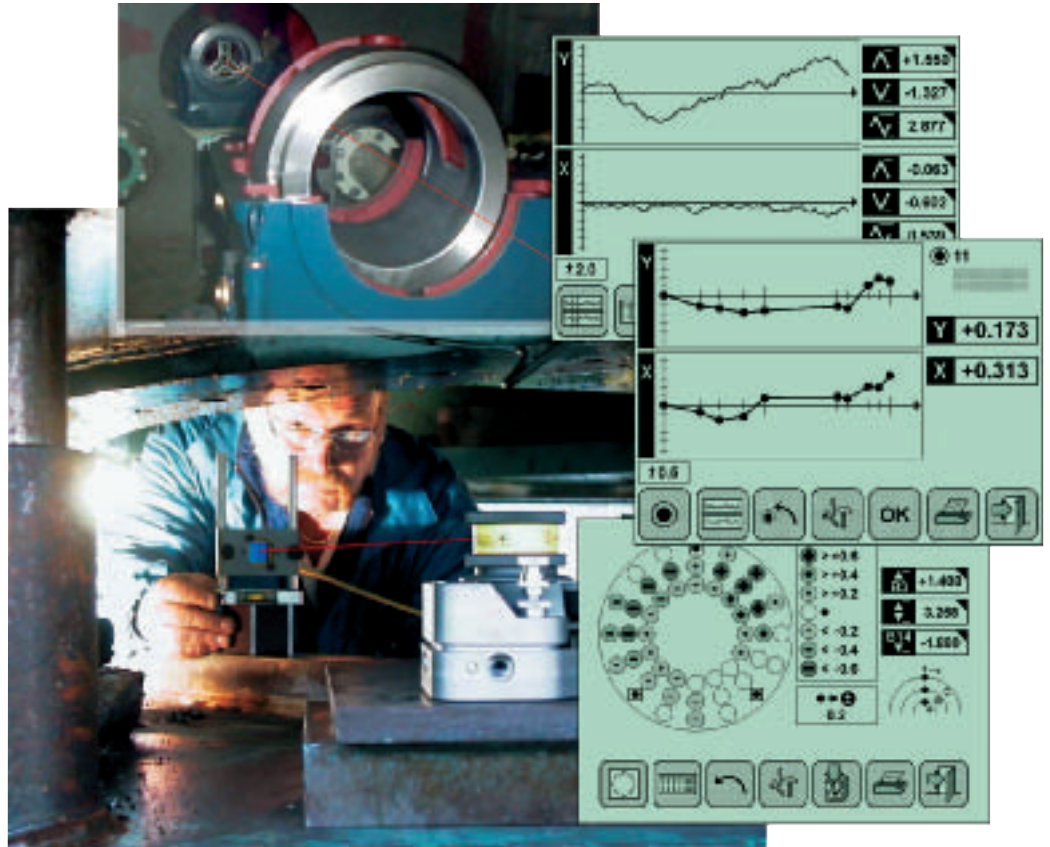


FIXTURLASER[®]

Geo³⁰⁰-series

FIXTUR
LASER

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



Geometric alignment systems for precision measurement

The Fixturlaser[®] Geo³⁰⁰-series is a 2-axes alignment system for measurement, alignment and documentation of machine positioning. Typical applications are measurements of straightness and flatness on objects such as machine tables, machine guides, rollers, or any component in your facility that requires high precision alignment and positioning.

Optimized packages

Depending on the specific application, there are different packages with different laser transmitters and fixtures. Flatness measurements are performed in one axis. Straightness measurements are performed in one or two axes with up to 99 measurement points. Live values are displayed during adjustments.

The measurements can be stored with individual comments to each measurement point for transfer to a PC or printed on the supplied printer.

Fixturlaser[®] Geo³⁰¹

T111, square housing. Straightness measurements, long distance measurements.

Fixturlaser[®] Geo³⁰⁴

T210, sweep laser transmitter. Straightness, flatness and perpendicularity, short distance measurements.

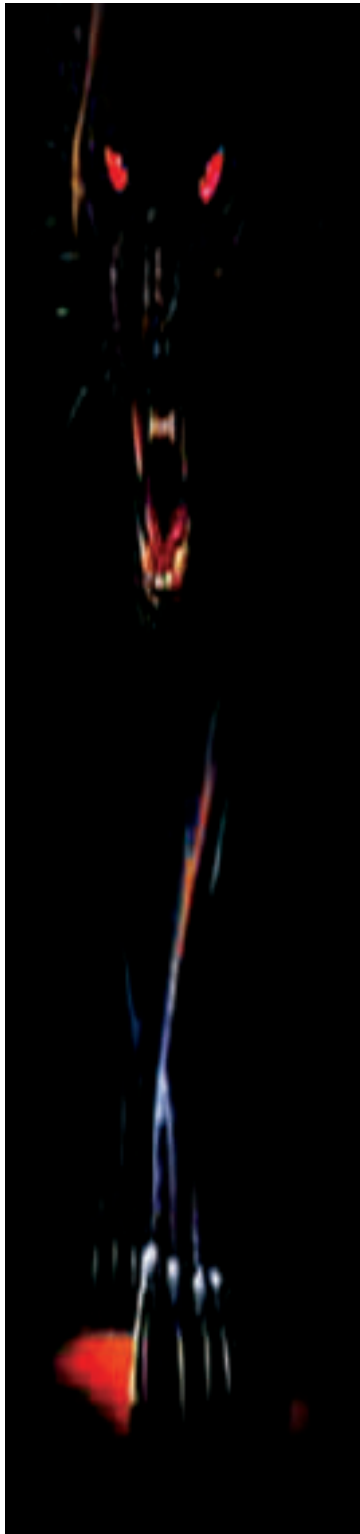
Fixturlaser[®] Geo³⁰⁵

T220, sweep laser transmitter. Straightness, flatness, levelling and perpendicularity, long distance measurements.

- Fully upgradeable to include shaft alignment, roller alignment and geometric measurements.
- Measures straightness in up to 99 points.
- Measures flatness on square and circular shapes.
- Measurement resolution down to 1/1000 mm.
- Printer included.



FIXTURLASER® Geo³⁰⁰-series



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® Geo³⁰⁰

- 2 Rugged carrying cases
- 1 Dual axes detector unit
- 1 Display unit with software
- 1 Laser transmitter: T111, T210 or T220.
- Brackets and fixtures
- 1 Cable 3 m
- 1 Measuring tape
- 1 Tool
- 1 System Printer
- 1 Manual

Accessories

- ▶ Fixturlaser® documenter, measurement database software
- ▶ Cable 25 m
- ▶ Cable 10 m
- ▶ Cable 1 m
- ▶ Cable for PC communication
- ▶ Measurement probe
- ▶ T111 laser transmitter
- ▶ T220 laser transmitter
- ▶ T210 laser transmitter
- ▶ Battery pack for T111
- ▶ AC adapter for the display unit
- ▶ Leatherette protection cover, for the display unit

DU20, Display unit

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



T210, Laser transmitter

Precision machined, hard anodized, housing with micrometer screws for fine adjustments. Detachable prism turret for 360° laser plane. Battery operated.



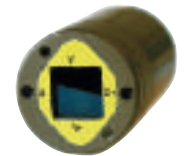
T220, Laser transmitter

Precision machined, hard anodized housing, with micrometer screws and precision adjustment mechanism. Turret with built-in angular prism for 360° laser plane. High resolution spirit levels in three axes.



R210, Detector unit

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



T111, Laser transmitter

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



Facts

Displayed measurement result resolution	0,001 mm (0,1 mils)
Operating temperature range	0 - 40°C (32 - 104°F)
Power supply	All units except the T111 run on standard batteries
Operating time	Depending on operation cycle 10 - 20 hrs.



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