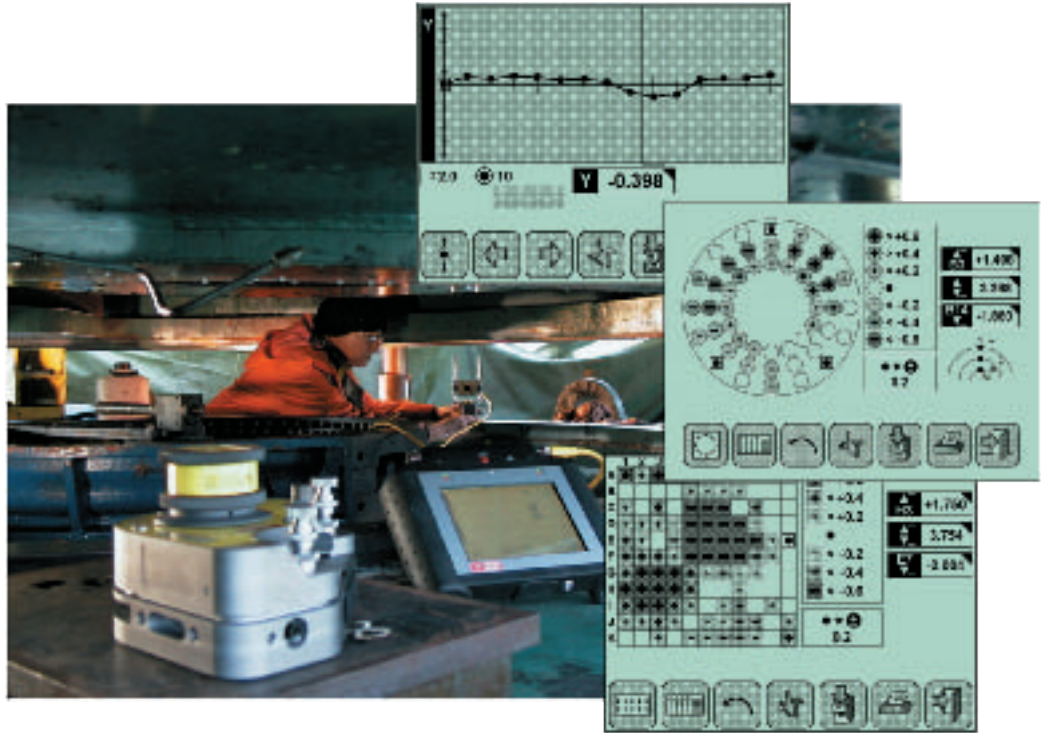


FIXTURLASER[®]

Geo²⁰⁰-series

FIXTUR
LASER

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



Geometric alignment systems for precision measurements in straightness and flatness applications

- 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.

The Fixturlaser[®] Geo 200-series is a 1-axis alignment system for measurement, alignment and documentation of machine positioning. Typical applications are for 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. Measurements are performed in one axis with up to 99 mea-

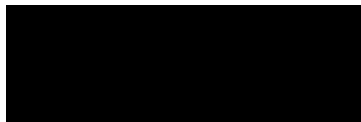
surement points. Live values are showed during adjustments. The measurements can be stored with individual comments to each measurement point for transfer to a PC or printed on the supplied printer.

Fixturlaser[®] Geo²⁰⁴

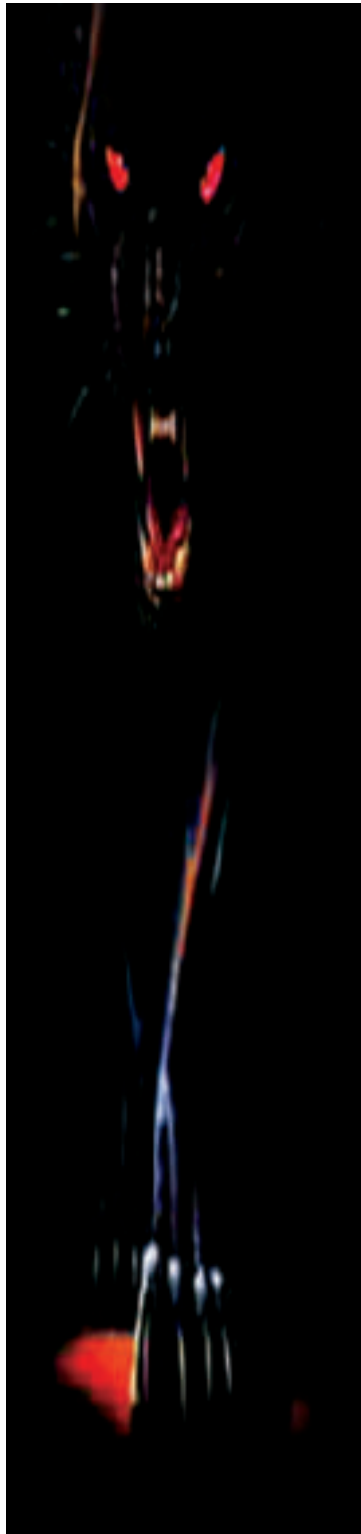
T210, sweep laser transmitter for straightness, flatness and perpendicularity, short distance measurements.

Fixturlaser[®] Geo²⁰⁵

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



FIXTURLASER®
Geo-200-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® Geo 200

- 2 Rugged carrying cases
- 1 Singel axis detector unit
- 1 Display unit with software
- 1 Laser transmitter: 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
- ▶ T220 laser transmitter
- ▶ T210 laser transmitter
- ▶ 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.



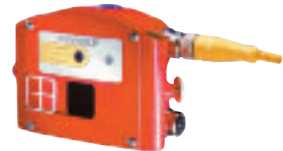
T220, Laser transmitter

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.



TD-M 100 Receiver unit

Housing in precision moulded aluminum with built-in inclinometer.



Facts

Displayed measurement result resolution	0,001 mm (0,1 mils)
Operating temperature range	0 - 40 °C (32- 122 °F)
Power supply	All units run on standard batteries.
Operating time	Depending on operation cycle 10 - 20 hrs.

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FixturlaserAB

Box 7
SE-431 21 Mölndal, Sweden
Tel: +46 31 706 28 00
Fax: +46 31 706 28 50
E-mail: info@fixturlaser.se
Web: www.fixturlaser.com