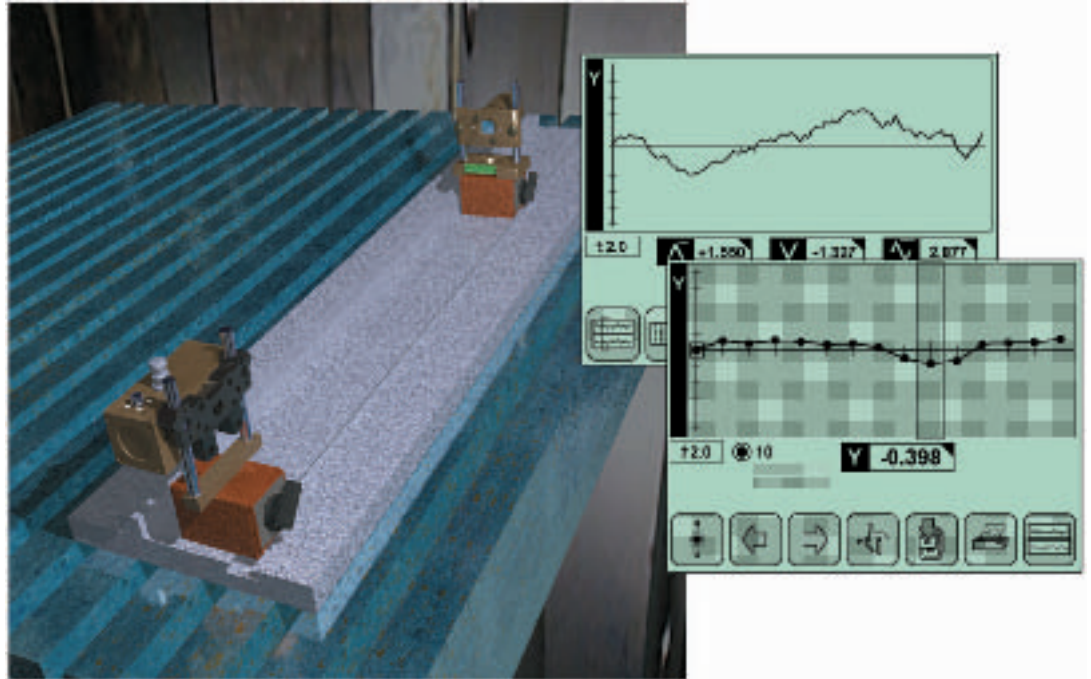


# FIXTURLASER<sup>®</sup>

## Geo<sup>100</sup>-series

FIXTUR  
LASER

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



## Geometric alignment systems

The Fixturlaser<sup>®</sup> Geo<sup>100</sup>-series is a single axis alignment system for measurement, alignment and documentation of machine positions. Typical applications are measurement of straightness and flatness of objects such as machine tables, machine guides, rolls, foundations or any component in your facility that requires high precision alignment and positioning.

Depending on the specific application there are different packages with different laser transmitters and fixtures. Straightness measure-

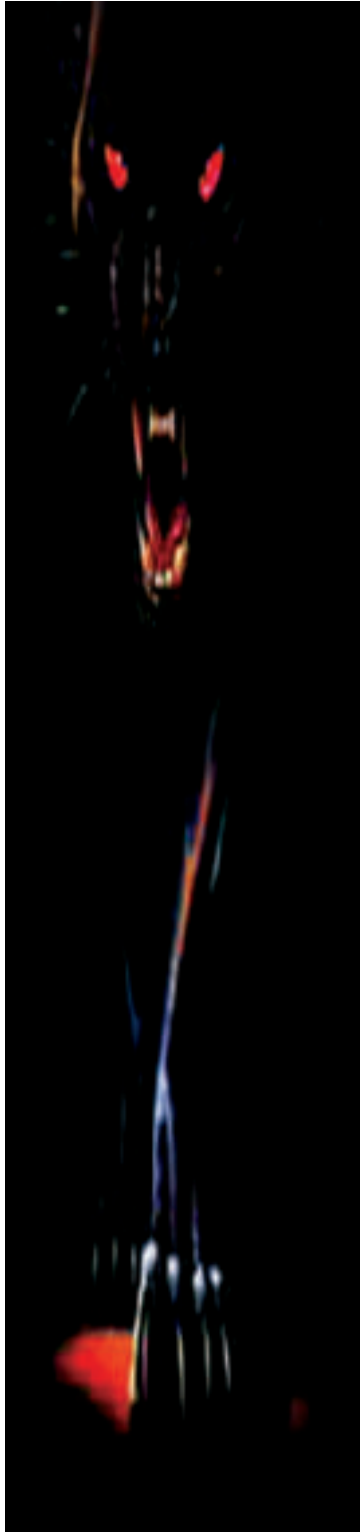
ments are performed in one axis with up to 99 measurement points. Live values are showed during adjustments. The measurements can be stored with individual comments to each measurement point for transfer to a PC or printed on the supplied printer.

**Fixturlaser<sup>®</sup> Geo<sup>101</sup>**  
T111, square housing.

- Fully upgradeable to include shaft alignment, roller alignment and geometric measurements.
- Measures straightness in up to 99 points.
- Easy to use - easy to learn.
- Measurement resolution down to 1/1000 mm.
- Printer included.



# FIXTURLASER® Geo<sup>100</sup>-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® Geo100

- 2 Rugged carrying cases
- 1 Singel axis detector unit
- 1 Display unit with software
- 1 Laser transmitter: T110 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.



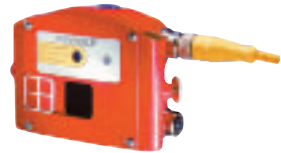
### T111, Laser Transmitter

Precision machined, hard anodized, housing with micrometer screws for fine adjustments. AC powered.



### 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	Standard batteries (T220) and AC adapter (T111).
Operating time	Depending on operation cycle 10 - 20 hrs.



### 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](mailto:info@fixturlaser.se)  
 Web: [www.fixturlaser.com](http://www.fixturlaser.com)