



APPLICATIONS



HORIZONTAL

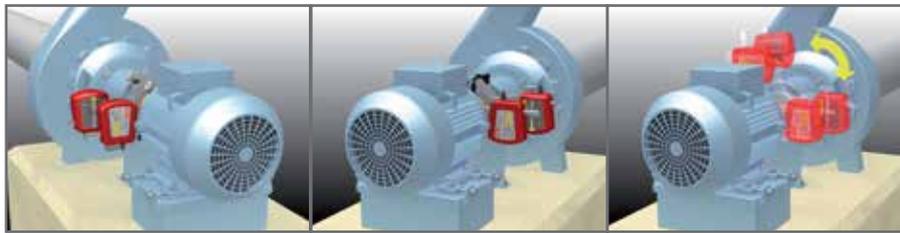


SOFTCHECK™

Fixturlaser Dirigo – the “one-hand-grip” tool

The Fixturlaser Dirigo puts laser alignment accuracy within reach of everyone! The ergonomically designed control unit fits comfortably in one hand. The live display means that you will get instant feedback when shimming or moving the machines. This eliminates the guesswork, and the moving back and forth you are suffering through now. All this for an affordable price giving you a really quick payback.

Register two measurement points and go live



Two measurement points, the 9 and 3 o'clock positions, are all that it takes in order to proceed to live adjustment during the measurement process. The position sensitive detectors measure continuously the misalignment. The large LCD display clearly presents the position of the machinery being aligned. This means no more guessing about the shim amount, or how much to move a machine.

The measurement results are displayed with a resolution of 0,01 mm.

Visual aids speeding up rough alignment

The Fixturlaser Dirigo features a unique “laser line” instead of the traditional laser dot. The Fixturlaser Dirigo also features graduated labels on the laser heads, that work with the laser lines, to help the operator “visualize” the misalignment condition. This visual aid reinforces the digital values that are displayed on the unit and speeds up the rough alignment process. This feature also makes evaluation and correction of misalignment an easier and faster process.

LCD display with live values!



The display shows the following information:

1. Position of measuring units
2. Measurement unit
3. Distances/ Measured values
4. Feet values
5. Parallel misalignment
6. Angular misalignment



FIXTURLASER DIRIGO COMPLETE SYSTEM

Weight (incl. all standard parts):	5 kg (11 lb)
Storage Temperature:	-20 to 70°C (-4 to 158°F)

CASE

Material:	High Impact ABS Plastic
Sealing:	Dust, water (5m/16 feet), and air tight with air pressure compensation valve
Drop Test:	3 m (10 feet) on to concrete floor
Dimensions:	410 x 330 x 170 mm (16,1 x 13 x 6,7 in)

DISPLAY UNIT

Housing material:	ABS plastic
Operating temperature:	0 - 40°C (32 - 104°F)
Storage temperature:	-20 to 70°C (-4 to 158°F)
Relative humidity:	< 90 %
Weight:	300 g (0,66 lbs) with batteries
Dimensions:	230 mm x 81 mm x 62 mm (9 x 3,2 x 2,4 in)
Display:	LCD
Display size:	35 x 48 mm (1,38 x 1,89 in)
Interface:	Membrane Switch Keyboard
Power supply:	2 x 1,5V LR14 Alkaline
Operating time:	20 hours continuous operation
Displayed resolution:	0,01 mm (0,1 mil in "inch" setting)

MEASURING UNITS

Housing Material:	High impact ABS plastic
Operating Temp:	0 - 40°C (32 - 104°F)
Relative Humidity:	< 90 %
Weight:	210 g (7,4 oz)
Dimensions:	87 mm x 79 mm x 39 mm (3,4 in x 3,1 in x 1,5 in)
Type of detectors:	Single axis PSD, 8,5 x 0,9 mm (0,3 x 0,04 in)
Laser:	650 nm class II diode laser
Laser Line Fan Angle:	10°
Laser Power:	< 1 mW
Measurement Distance:	70 - 850 mm (2,7 inch - 2,8 ft)
Detector Area:	8,5 x 0,9 mm (0,3 x 0,04 in)
Measurement Accuracy:	<2% +/- 0,01 mm
Ambient Light Protection:	No interference from ambient light
Laser Safety:	See yellow label below
Power Supply:	Powered from display unit

SHAFT BRACKETS

Fixture:	V-fixture for chain, width 20 mm (0,79 in)
Material:	Anodized aluminum
Shaft diameter:	Ø 30 - 500 mm (1,2 - 20 in)
With extension chains	Ø 20 - 450 mm (3/4 in - 18 in)
Locking chain	500 mm (20 in)

FIXTURLASER DIRIGO

- 1 Display unit
- 2 measuring units with spirit levels
- 2 mechanical shaft fixtures
- 2 locking chains
- 2 extension chains
- 1 tool
- Measuring tape
- Instructions for use
- Certificate of calibration
- Alignment documentation
- Carrying case

ACCESSORIES

- Extension chains
- Rod, 150 mm, for extension

FIXTURLASER DIRIGO COMBO

- Fixturlaser Dirigo system content
- Fixturlaser PAT system content

Fixturlaser Dirigo Combo - laser based shaft and belt alignment in one case

Fixturlaser also offers the unique opportunity to purchase the package Fixturlaser Dirigo Combo at a very advantageous price and conveniently packed in the same case.



The package consists of Fixturlaser Dirigo for shaft alignment and Fixturlaser PAT for belt alignment. Contact your local distributor for more information!



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