

# Leonova™ – Shaft Alignment



Shaft Alignment is an optional Leonova™ function for quick and easy shaft alignment, with either limited or unlimited use. In case of limited use, credits are deducted for each alignment assignment. The function is user-friendly and easy to learn.

The LineLazer Accessory Set contains detector/transmitter units, brackets, chains, rods, cables and a measuring tape, all in a carrying case. This set fits a multitude of applications, e.g. compressors, gearboxes, generators, and pumps.

The detector units have position detectors (PSD) with a large reception area, which makes fine tuning unnecessary. Compensation values for thermal growth can be input. Integrated precision inclinometers measure the angle of rotation of both detector units at all times. This allows measurement in fully automatic mode, with much less than a half-turn of the shaft. Measurement results are displayed in 100ths of millimetres or 1000ths of an inch.

The Leonova instrument is the control and display unit. The interaction between the graphical display and the user is kept as simple as possible. A self-explanatory display based on icons and graphics guides the user to make a perfect shaft alignment. Leonova produces a log file with all alignment data for documentation and printing.

## Measurement programs:

- Alignment of horizontally mounted machines (automatic measurement or manual prompts)
- Alignment of vertically and flange mounted machines
- Softfoot measurement
- Compensation for thermal growth
- Feet lock function
- Shaft alignment log

## Ordering numbers, Leonova™ Infinity

- LEO155 Shaft alignment, unlimited use
- LEO255 Shaft alignment, limited use

## Ordering numbers, Leonova™

- LEO220 Shaft alignment, unlimited use, upgrade
- LEO420 Shaft alignment, limited use, upgrade

## LineLazer Accessory Set LLA300

- LLB30 1 pc. LineLazer detector, lower beam (TD-267)
- LLB31 1 pc. LineLazer detector, upper beam (TD-267)
- LLB11 2 pcs. Extension chain, length 1000 mm
- LLB12 2 pcs. Chain with tension adapter, length 500 mm
- LLB13 1 set Supporting rod, 80 mm, set of 4
- LLB14 1 set Supporting rod, 150 mm, set of 4
- LLB15 2 pcs. Shaft bracket for chain
- CAB50 1 pc. Communication cable between LineLazer and Leonova Infinity, length 3 m
- CAB75 1 pc. Charger cable, length 1.5 m
- MAA70 1 pc. Measuring tape
- TOL21 1 pc. Torquing tool for chains and rods
- CAS19 1 pc. Carrying case, plastic with foam insert

## Battery charger

- 90362 Charger, 100-240 V AC, 50-60 Hz, Euro-plug
- 90379 Charger, 100-240 V AC, 50-60 Hz, US-plug
- 90380 Charger, 100-240 V AC, 50-60 Hz, UK-plug

## Options

Magnetic brackets and offset brackets 100 mm on request.

## Spare parts

- LLB20 Supporting rod, 80 mm
- LLB21 Supporting rod, 150 mm

