

SHAFT ALIGNMENT-LASER TECHNOLOGY



Experimental capabilities

- Shaft lineage by method using a transmitter system / laser receiver + analyzer system (correction measurement , verification)
- Demonstration of the quality and the ease of implementation the settings
- Interpretation of simple results with the axis display machines
- Set in real time and automatic calculation of tolerances,
- Research and evaluation of soft foot,
- Implementing of procedures for setting

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Dans le cadre de l'amélioration permanente de nos produits, ce descriptif technique est susceptible d'être modifié sans préavis
As part of the continuous improvement of our products, this technical specification may be modified without previous notifying

Operating principle

The kit for shaft lineage by laser system SHAFTALIGN allows to implement shaft lineage on different supports.

The robust design of this device makes it suitable for use in schools.

The equipment is set up on an Anodized aluminium frame on casters wheels. This gives it great strength and a flexibility of integration into your premises.

The manufacture of this equipment complies with the European standard for machinery manufacturing.

This equipment can be used alone or with other compatible equipment from our range (see last section of this document).

Illustrations



Composition of the suitcase



Description of assortment of shims

10 shims th. 0.05mm

10 shims th. 0.10mm

10 shims th. 0.25mm

10 shims th. 0.50mm

10 shims th. 1mm

Material: stainless steel

Opening of the shims for M12 screw max

Thickness engraved on each shim

Technical details

- Alignment of horizontal and vertical machines
- Measuring mode "active clock" simple and quick, possible even on narrow measurement angle,
- Static measurement mode, allows to measure from 3 to 8 points in hourly positions,
- Alignment of the shafts even fixed or uncoupled
- InfiniRange to measure large alignment errors and long couplings,
- Correction in real time, with simple interpretation through the axis display machines
- UniBeam®, a single laser technology, a single cable
- Tolcheck®, automatic calculation of tolerances,
- Search the wobbly foot,
- Recording of 50 files in the device (expandable)
- Data protection by automatic backup and recall the last file,
- Archiving and possible reports directly to PDF on USB key
- Interchangeable cable with connectors, power supply by built-in rechargeable battery
- Keyboard and color display robust, dedicated for use in industry,
- Protection against water, dust and grease: IP67 heads, 65 IP camera (unique to this level range)
- Device upgradeable, Bluetooth enabled.

Accessories included :

- A laser transmitter with protective cap,
- Computer SHAFTALIGN
- Prism
- Supports attachment chains (2)
- USB cable for PC connection
- Cable USB socket for USB key,
- Carrying case,
- USB Key
- Tape measure,
- Cleaning cloth.
- Assortment of 50 calibrated shims and deburred specially designed for engine timing feet

Services required

- Dimensions: (LxWxH mm): 470 x 400 x 195
- weight (Kg): 5.8

Note : if the equipment installation is operated by our staff, all supplies and exhaust connections required must stand at less than 2m from the machine

Documentation

- User's manual
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