



MarLaser360

Simple solution for precise shaft alignment



Misalignment can have devastating effect on machinery, resulting in unplanned downtime, excessive bearing wear, higher power consumption and couplings breakdowns. This lead to shortened machine life span and higher maintenance costs.

Misalignment issue can be easily solved with precise laser alignment system, the latter can be costly. But not in case of **MarLaser360!**

MarLaser360 is precise laser alignment system, easy in use and offers all of the essential functions in attractive price. With **MarLaser360** misalignment will no longer be a problem for your machinery.

MarLaser360 features:

- ✓ Easy and precise shaft alignment
- ✓ Transducers with built-in Bluetooth and rechargeable batteries
- ✓ Large 25mm detectors
- ✓ Distance between transducers up to 3 meters
- ✓ Light transducers- only 125g!
- ✓ Electronic inclinometers allow for convenient measurement in any shaft position.
- ✓ Horizontal and vertical alignment
- ✓ Direct PDF reports
- ✓ High capacity flash drive for measurements and reports storage, USB interface with PC

General data

CPU	Ultra low power ARM processor- 533 MHz
Memory	64 MB RAM. 256 MB Internal Flash, 4 GB High Speed Memory
Display	Backlit TFT colour display
Resolution	3,5",QVGA, 320 x 240 pixel
Keyboard elements	Navigation cursor cross with Up, Clear and Menu keys; Alphanumeric keyboard with dimensions, Measure and Results hard keys
LED indicators	On-screen Icon indicator for laser status and alignment condition, 2 LED (Red&Green) for wireless communication and battery status
Power supply	Operating time: up to 8 hours (Li-Ion rechargeable battery)
External interface	1 x USB host for external memory (up to 32 GB) 1 x USB slave for PC communication/ Power bank quick charge Bluetooth for transducers
Integrated wireless communication	Class 1 (up to 100m)
Charging adapter	AC charger adapter/Direct USB charging
Environmental protection	IP 65, shockproof
Accuracy of system	< 1%±0,01 mm
Displayed resolution	1µm/10 µm (0.04/0.4 mils)
PC download	Via USB
Memory	1000+ alignments
Softfoot check	Yes
Alignment tolerance check	Yes
User editable tolerances	Yes
Shaft diameter range	20 to 250 mm (0.8 to 10 in.) diameter with supplied chains
Operating humidity	0-40oC (32-104oF)
Carrying case dimensions	455 x 355x 133 mm
Total weight (including Case)	6.1 kg
Warranty	24 months
CE conformity	EC guidelines for electric devices (2004/108 EWG) are fulfilled

Measuring units

Housing material	ABS plastic
Type of laser	Diode laser
Laser wave length	650-675 nm
Laser safety	class 2
Maximum laser power	1 mW
Distance between measuring units	Max.:3m (33ft); Min.: 70 mm (2.7 in.)
Type of detectors	Single axis PSD, 24 x 0.9 mm
Inclinometer	Electronic inclinometer ±0.1o
Connections	Integrated wireless communication Class 1 (up to 100m)
Dimensions	91 x 57 x 42 mm (3.6 x 2.25 x 1.65 in.)
Weight	125 gram (4.4 oz)
Battery	up to 8 hours continuous use (rechargeable LiPo battery)

Complete set includes:

1. Display unit
2. Measuring units
3. Shaft brackets- 2pcs
4. Chain included for shaft diameters 20-250 mm (0.8-10 in.)
5. Support posts 100mm + 150mm- 2+2 pcs
6. Measuring tape
7. USB cable
8. AC charger
9. Calibration certificate valid for 2 years
10. CD with instructions manual
11. Carrying case

For more details or to learn more about our products and services visit www.info-marine.com or email us office@info-marine.com