

Fixturlaser Runout Probe

Fixturlaser Runout Probe is a battery-powered measuring probe that connects wirelessly via Bluetooth to Fixturlaser NXA display unit. The Fixturlaser Runout Probe can be used for operations like:

- Axial and radial runout checks on flanges
- Checking movements on machine feet (soft foot)
- Liftcheck
- Checking movements due to pipe strain
- Thermal growth on machine casings
- Eccentric or skewed mounting of coupling hubs
- Checking bore shafts



Sensor Display



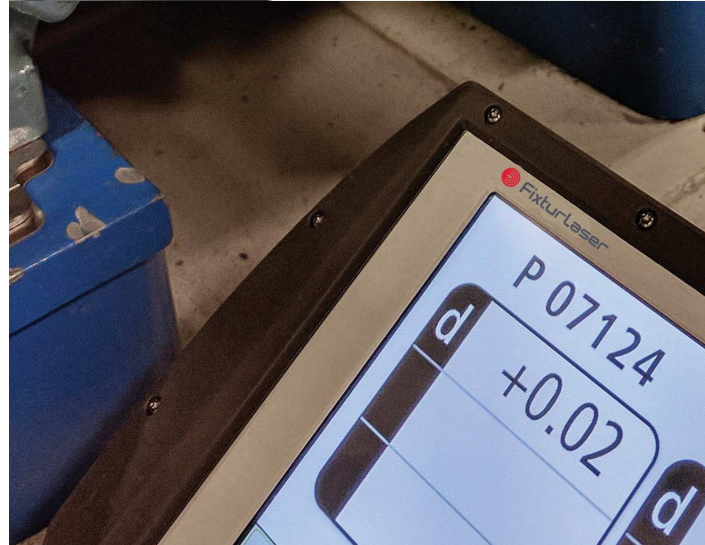
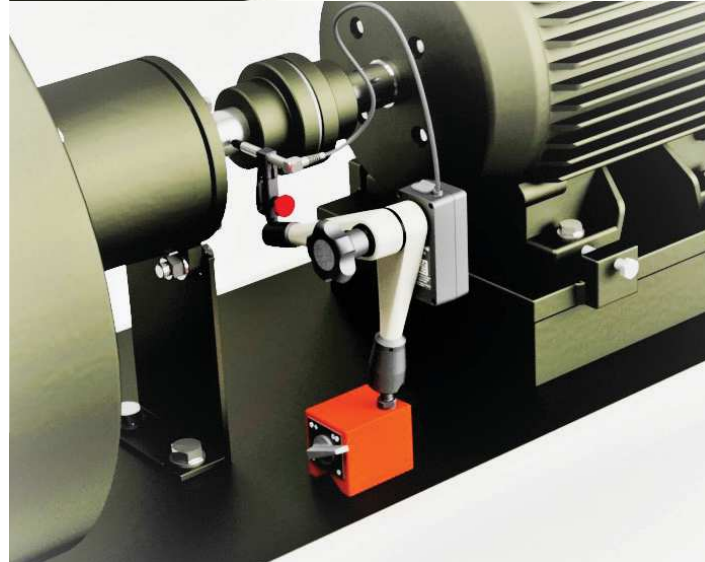
MAX-MIN

- **LVDT-probe**
Linear variable differential transformer
- **Battery operated**
Rechargeable Li-Ion
- **Wireless communication**
- **5 mm measuring range**
- **IP65 protection class**
- **Magnetic mounting**

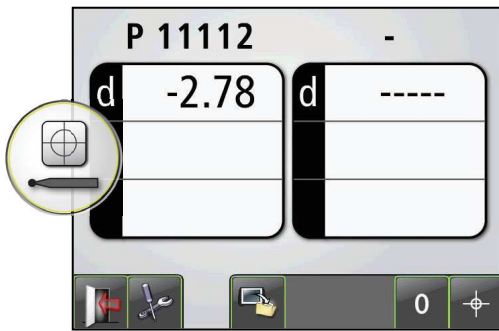


Fixturlaser Runout Probe, the perfect accessory to your Fixturlaser NXA

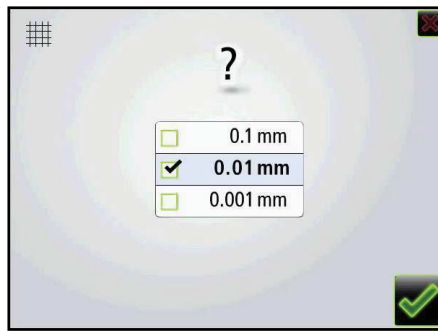
Fixturlaser Runout Probe is a LVDT sensor with $\pm 2,5$ mm measurement range with high precision (within 0.001 mm). The measuring sensor and battery assembly are enclosed and have a sealing class of IP65 which will withstand coolant and oil. The built-in battery is charged using a USB micro connector and has an operating time of 11 hours. The enclosure for the battery box contains built-in magnets that allow the device to be easily attached to the measuring stand.



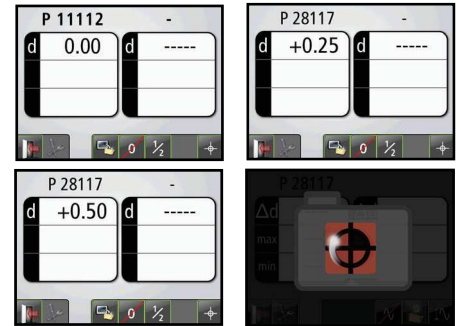
Sensor display – start menu



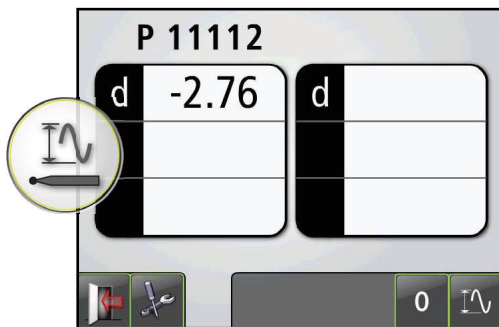
Sensor Display - Settings



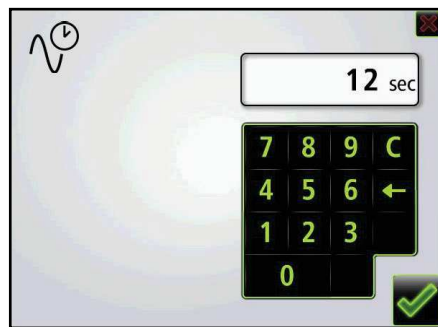
Sensor Display - zeroed value



Max-Min - measurement



Max-Min - Settings



Max-Min - Results



Technical specification

Housing, material:	ABS Plastic
Operating temperature:	0 to 40°C (32 to 104 °F)
Weight:	142 g (5,01 oz)
Battery unit dimensions:	44 mm x 91 mm x 33 mm (1.7" x 3.6" x 1.3")
Measuring pen dimensions:	Length: 85 mm. (3,34")
Diameter:	8 mm (0,31")
Cable length:	400 mm (15,7")
Enclosure protection class:	IP 65 (dust proof and protected against water jets)
Measuring force:	0,70 N ± 25%
Repeatability:	0,15 µm
Measurement accuracy:	±MAX(5+ 2*K ; 7*K) µm
Diameter, measuring tip:	Ø 3 mm (0,12")
Thermal drift:	0,25 µm/°C
Wireless communication:	Bluetooth transmitter/receiver Class I
Communication range:	10 m (33 ft)
Operating time:	11 hours of continuous operation
Battery charging time:	8 hours (at room temperature with system OFF)
Battery capacity:	10,4 Wh

Fixturlaser Runout Probe with stand



ACOEM AB, P.O. Box 7 SE - 431 21 Mölndal - SWEDEN
 Tel: +46 31 706 28 00 - Fax: +46 31 706 28 50
 E-mail: info@acoem.se - www.fixturlaser.com