

ACOEM AT-010

Pre-alignment tool

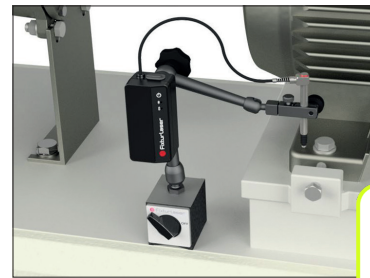
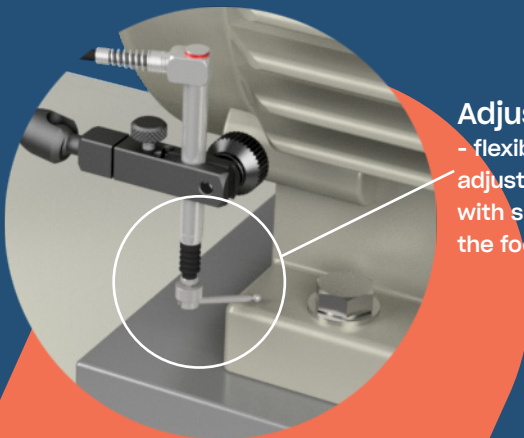
The Acoem AT-010 stands out as an advanced smart application utilizing displacement probes for secure and reliable measurements during pre-alignment checks. Its broad spectrum of applications positions the Acoem AT-010 as a truly versatile maintenance tool in various scenarios.

Smart App based Probe for all necessary pre-alignment checks

- Wireless connected remote display
- Axial and radial runout checks on flanges
- Checking movements on machine feet (soft foot)
- Checking bearing clearances
- Checking movements caused by pipe strain
- Thermal growth measurements on machine casings
- Eccentric or skewed mounting of coupling hubs
- Checking for bent shafts

Adjustable Probe Tip

- flexible probe tip that can be adjusted for use on machines with space restrictions around the foot during SoftCheck.



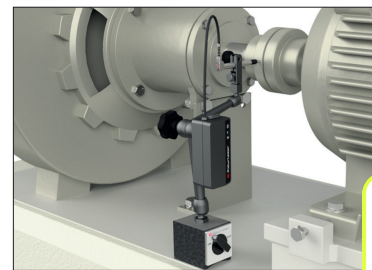
SoftCheck

Measure the actual movement on each foot.



Bearing Clearance

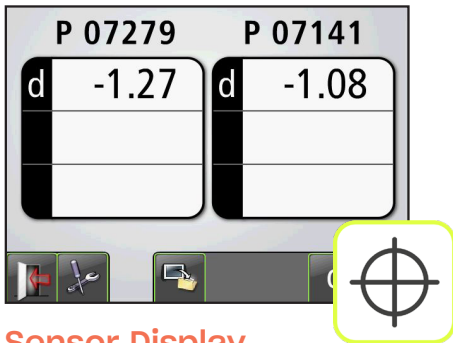
Checks for excessive bearing clearance radially and axially
Detects bearing wear



Run-Out

Check runout on shafts and couplings with just one rotation. Onscreen setup and measuring guidance.

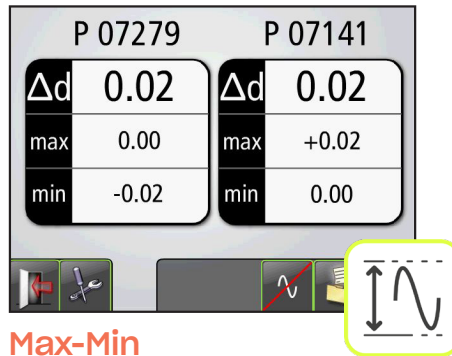




Sensor Display

Your digital dial indicator

- Measures and records relative movement
- Record thermal growth measurement or pipe strain movements
- Two sensors can be used simultaneously



Max-Min

Function to measure displacement of an object to a rotational center

- Measures run-out on shaft or hub radially and axially
- Two sensors can be connected, i.e. for simultaneously measuring radial and axial movements
- Results are automatically recorded during rotation

Technical specification

Weight (incl. all standard parts):	0,73 kg (1,61 lbs)
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")
Cable length:	400 mm (15,7")
Enclosure protection class:	IP 65
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
Communication range:	10 m (33 ft)
Operating time:	11 hours of continuous operation
Measuring range:	+/- 2,5 mm

Acoem AT-010 In the case

- 1 LVDT sensor, 1 Magnet Nd 25x12 M8 Zn,
- 1 power supply, 1 USB cable A-Micro,
- 1 sensor stand (without magnet base, optional)
- 1 adjustable probe tip



About Acoem

At Acoem, we create environments of possibility — helping organizations find the right balance between progress and preservation — safeguarding businesses and assets and maximising opportunities while conserving

the planet's resources.

For more information visit acoem.com

