

Acoem **ECO** Pro

PRECISION SHAFT ALIGNMENT MADE SIMPLE



PREMIUM
PROACTIVE
ENGINEERING

Acoem's tools optimize machine performance through precise shaft alignment.

An entry-level shaft alignment solution

Acoem ECO Pro

The ECO Pro Shaft Alignment System is a precision tool designed to streamline and enhance **shaft alignment** procedures. By combining advanced technology with a user-friendly interface, it offers unparalleled accuracy and efficiency.

Acoem ECO Pro toolpack - Automated alignment functions



Horizontal Shaft Alignment

Align two horizontally mounted machines (e.g., motor, pump) so their shafts rotate on the same axis.



Softcheck™

Softcheck™ detects uneven machine bases, preventing vibration and wear.



VertiZontal™

Automatically calculates the exact shim adjustments needed for perfect machine alignment, saving time and ensuring accuracy.



Resume function

A powerful feature that lets you seamlessly resume work after an unexpected power outage.



Memory Manager

Measurements can be organized into folders and subfolders, with data easily copied to a USB stick



Screen Flip

Adjust the display to match your exact viewpoint, ensuring you see the machine as you do.



Acoem M6/S6 sensors

Renowned for their accuracy and precision. When pre-mounted in their protective cases, installation becomes a breeze, saving time and effort. Backed by Acoem's lifetime warranty, these sensors offer unparalleled reliability and durability.

- **Integrated Bluetooth™** for wireless communication.
- **20 mm CCD detectors** handle up to 3 m distances and misalignment.
- **Thinnest smart sensors available.**
- **Dual inclinometers** enable backlash detection and angular measurements.
- **Battery Check:** Current status.

Acoem ECO Pro DU

Packed with advanced features and our intuitive GuideU™ user interface. Its eco-optimized assembly process minimizes environmental impact, while the lifetime warranty guarantees durability. Elevate your efficiency with cutting-edge functionality and user-friendly design.

- **Bluetooth™ Connectivity:** Wireless communication with smart sensors.
- **5" Touch Screen:** Industrial-strength, compact, and durable.
- **IP65 Rating:** Sealed, rubberized frame for dust and water resistance.
- **Battery Check:** Real-time status.



GuideU™

GuideU™ is the next generation of 3D shaft alignment graphical user interface – our patented, customizable, icon-driven and color-coded display system makes measuring, aligning, documenting and reporting on each job simple.

GuideU™ delivers precise measurement and correction values by minimizing the risk of human errors, guiding the operator through the process using visual, logical and easy-to-follow steps.



TrueLive™

Leveraging dual smart sensors, the ECO Pro offers real-time, accurate shaft position monitoring. Laser beams track both shafts simultaneously, eliminating uncertainty and ensuring uninterrupted position data, even if the beam is momentarily interrupted or the machine moves out of range.



Technical specification Acoem ECO Pro

| Display Unit | |
|---------------------------|---|
| Weight: | 362 g (12,8 oz) |
| Dimensions: | 103 x 181 x 29 mm /4,0 in x 7,1 in x 1,1 in |
| Environmental protection: | IP 65 |
| Display size: | 5" (127 mm) diagonal/ (111 x 63 mm/4,4 x 2,5 in) |
| Operating time: | 8 hours continuous use |

| TD UNITS | |
|---------------------------|---|
| Weight: | M6 200 g (7,1 oz) S6 188 g (6,6 oz) |
| Dimensions: | 86mm x 77mm x 33mm (3,4" x 3,0" x 1,3") |
| Environmental Protection: | IP 65 |
| Measurement Distance: | Up to 3 m |
| Detector: | Digital line sensor |
| Detector Length: | 20 mm (0.8 in) |
| Displayed Resolution: | 0,01 mm |
| Measurement Accuracy: | 1% ± 1 digit |

| Shaft Brackets | |
|-----------------|-----------------------------|
| Shaft diameter: | Ø 25 – 175 mm (1in – 6.9in) |
| Rods: | 4 pcs 150 mm (5,9 in) |



Lifetime Warranty

Our shaft alignment products are built to last. Invest with confidence knowing your equipment is backed by a lifetime warranty.



About Acoem

As a pioneer in industrial measurement technology, Acoem offers a comprehensive range of products, including advanced shaft alignment tools. Our solutions empower businesses to achieve maximum efficiency and reliability. **Acoem links possibilities with protection.**

For more information visit acoem.com



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