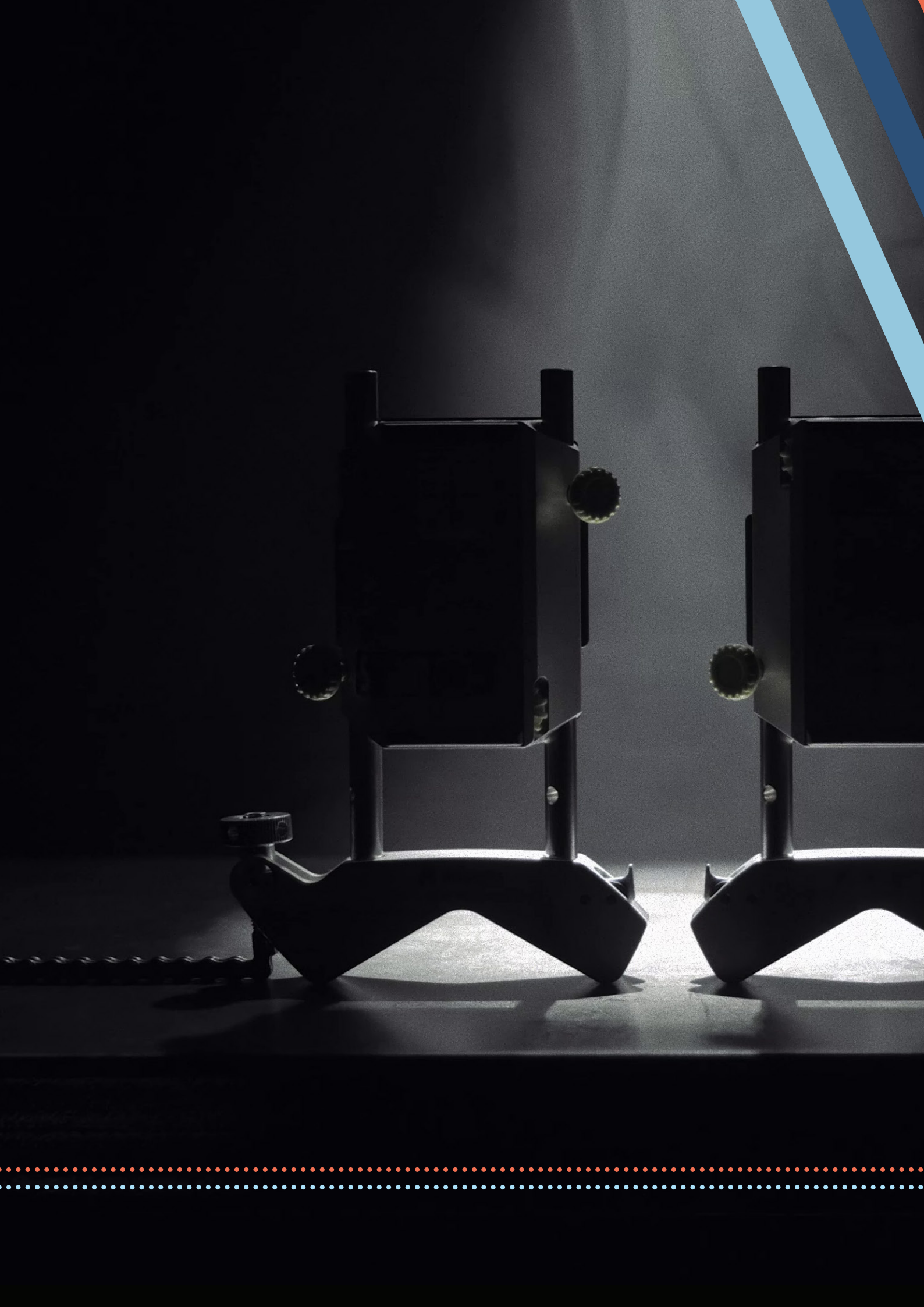
Acoem **AT-400**

DUAL PRECISION AT EVERY TURN



acoem
CREATING ENVIRONMENTS OF POSSIBILITY





Dual precision at every turn with the new Acoem AT-400 shaft alignment solution

Acoem, a trusted name in condition monitoring and predictive maintenance, has been a pioneer in laser shaft alignment technology for decades. Combining vast expertise with exceptional customer support, we've consistently raised the bar for precision maintenance. Today, we proudly introduce our latest innovation - the Acoem AT-400 dual-axis shaft alignment solution.
This cutting-edge system makes precise laser alignment easier than ever before.

What makes the AT-400 remarkable is its ability to effortlessly blend precision with simplicity. This advanced alignment solution ensures your machinery operates with unmatched accuracy and efficiency. With the AT-400, precision maintenance becomes intuitive and straightforward, thanks to the latest technology at your fingertips.

Experience precision maintenance like never before with this dual-axis shaft alignment solution, offering dual precision at every turn. Step into the future of precision maintenance and approach virtually any shaft alignment scenario with confidence.



AT-400

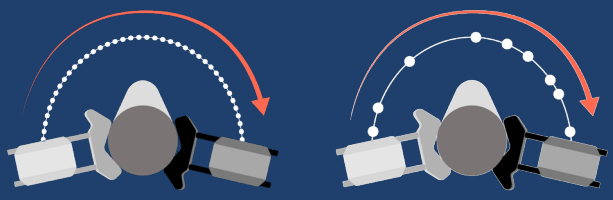
Maximizing alignment performance

AT 400 integrates dual-axis technology seamlessly into our alignment solutions, offering unrivaled precision for large machinery. With extended sensor distances, it outperforms traditional line lasers.

Dual advantage

Achieve precision with the high-end dual-axis shaft alignment.

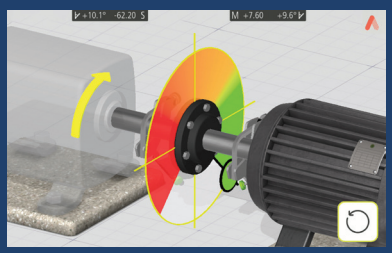
Double down on misalignment with the Acoem AT-400, featuring robust dual axis sensors and unmatched versatility for virtually any shaft alignment scenario. Discover precision like never before with our advanced measuring methods. Engineered to perfection, these techniques redefine accuracy in industrial alignment assessments.



Dual sweep | Multi point

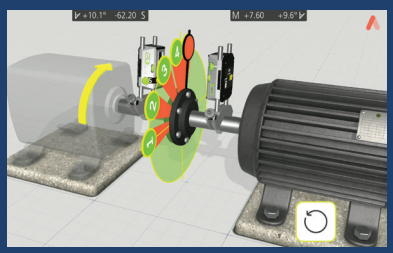
Dual sweep method

Automated alignment evaluation for coupled machines, ensuring precision with every sweep. Take control by stopping data recording manually



Dual multipoint method

Unparalleled flexibility. Start measurements from any position, ideal for uncoupled shafts and non-rotatable machinery.



Dual sweep express method

Effortless efficiency – data recording halts automatically when shaft rotation stops, streamlining the process.

Dual multipoint express method

Convenience meets accuracy. Automated measurements without compromise.

Clock method

Industrial wisdom in action. Three points, 180˚ rotation – a trusted technique for non-horizontal foundations and standalone shafts.

Tripoint method

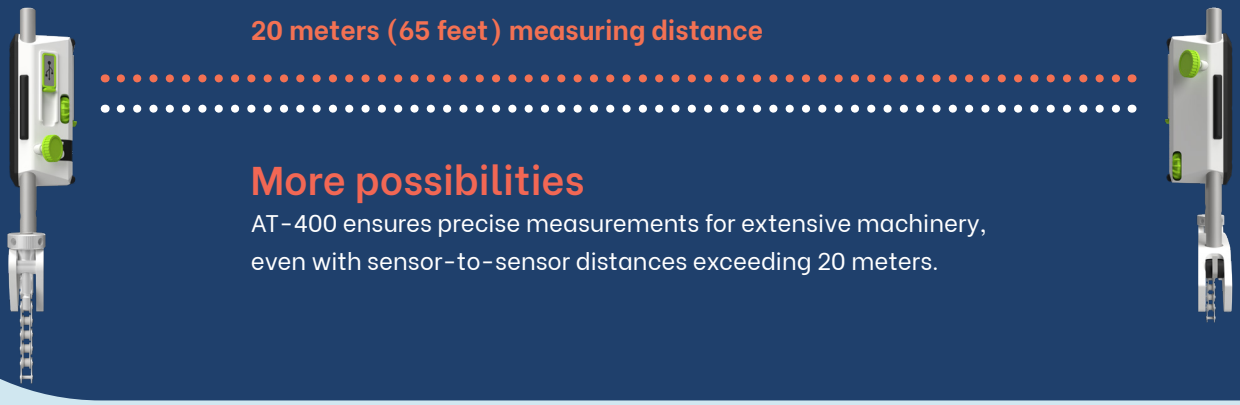
Meticulous precision. Record three manual points during shaft rotation for detailed alignment insights.

Tripoint express method

Seamlessly automated. Experience precision alignment assessment with automated ease.

Measurement programs

- Horizontal shaft alignment & HSA 2-axis
- Vertical shaft alignment
- Flatness
- Soft check™
- Target values
- Spacer shaft alignment



More possibilities

AT-400 ensures precise measurements for extensive machinery, even with sensor-to-sensor distances exceeding 20 meters.

Aligning with diverse applications

While the AT-400 is versatile enough to diagnose alignment issues in various machinery, its exceptional capabilities truly stand out in challenging environments.

Critical & complex applications

- Energy generation turbines
- Compressors
- Cooling towers
- Maritime equipment
- Non-rotatable shaft situations
- Complex machine train setup

Ideal for heavy machineries in industrial sectors such as

- Oil & Gas
- Paper processing
- Mining
- Aerospace
- Medical device
- Automotive manufacturing
- Automotive manufacturing

You can depend on AT-400 for achieving precise alignment in a wide range of applications.

DualXL PSD detectors
M9 & S9 position-sensitive sensors



Discover unparalleled precision with our revolutionary DualXL PSD Detectors featuring Acoem's M9 and S9 position-sensitive sensors. Redefining accuracy and convenience, these detectors are perfect for diverse applications.

- Simultaneous horizontal and vertical measurements
- Unmatched precision with high resolution
- The thinnest 2-axis sensors at 305g, ensuring easy integration and mobility.
- Cover up to 20 meters (65 ft) without compromising accuracy.
- Equipped with sliding covers, our sensors ensure product longevity and protection during storage.
- A substantial 20x20 mm² size and 0.001mm high-resolution capability make this detector ideal for demanding measurement tasks.



The Acoem AT-400 comes with a lifetime warranty, giving you complete peace of mind and long-term reliability.

User friendly display unit

The AT-400 sensors effortlessly connect with iOS and Android tablets. In our standard package, you'll find a purpose-built 20cm (8") tablet designed to enhance fieldwork efficiency. This rugged display unit boasts an intuitive interface, built-in tools, and optional accessories.

With the AT-400 display unit, you can

- Access data, reports, and applications in one place.
- Transfer data via USB or WiFi.
- Email results with ease.
- Manage assets through the Acoem WebPortal.
- Quickly access support resources.
- Add or remove PDF files as needed.



GuideU™ interface revolutionizing 3D shaft alignment

Experience GuideU™ – the innovative 3D shaft alignment interface. Minimize human error and uncertainty in shaft alignment through realistic graphics and animated help screens. GuideU™ Interface represents a groundbreaking leap in 3D shaft alignment technology. Our proprietary and patented graphical user interface redefines precision, simplicity, and accuracy in the alignment process.



Key features

- Customization
- Icon-driven design
- Color-coded display
- Realistic machine graphics
- Animated help screens



Seamless Cloud Connectivity

The AT-400 allows users to effortlessly upload alignment reports to Acoem's proprietary web portal, ensuring seamless data management and easy access to alignment records for analysis and comparison. With just a tap of a button, technicians can send their alignment reports directly to the portal, streamlining their process of documentation.

VertiZontal™
Measure once, move in two directions

Our adaptive interface displays exactly how much a misaligned machine needs to be adjusted and in which direction, by adding or removing shims to the machine's feet. No more re-measuring between the vertical andthe horizontal phases to correct the horizontal misalignment. This industry-first function saves time and ensures accuracy the first time around. It's alignment, plus much more.





Acoem AT-400 ultimate

Acoem AT-400/D/T + Acoem T21 . Add capability to measure rectangular flatness. Use the M9 sensor as receiver.



About Acoem

At Acoem, we **create environments of possibility** – helping organisations find the right balance between progress and preservation – safeguarding businesses and assets, and maximising opportunities while conserving the planet's resources. We deliver unrivalled, interoperable AI-powered sensors and ecosystems that empower our customers to make enlightened decisions based on accurate information.

Together with 220 distributors, our 850+ employees work across 28 offices, 6 manufacturing facilities and 5 R&D centres in 9 countries, to provide trusted, holistic data solutions for customers worldwide.

Acoem links possibilities with protection.

For more information visit acoem.com

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