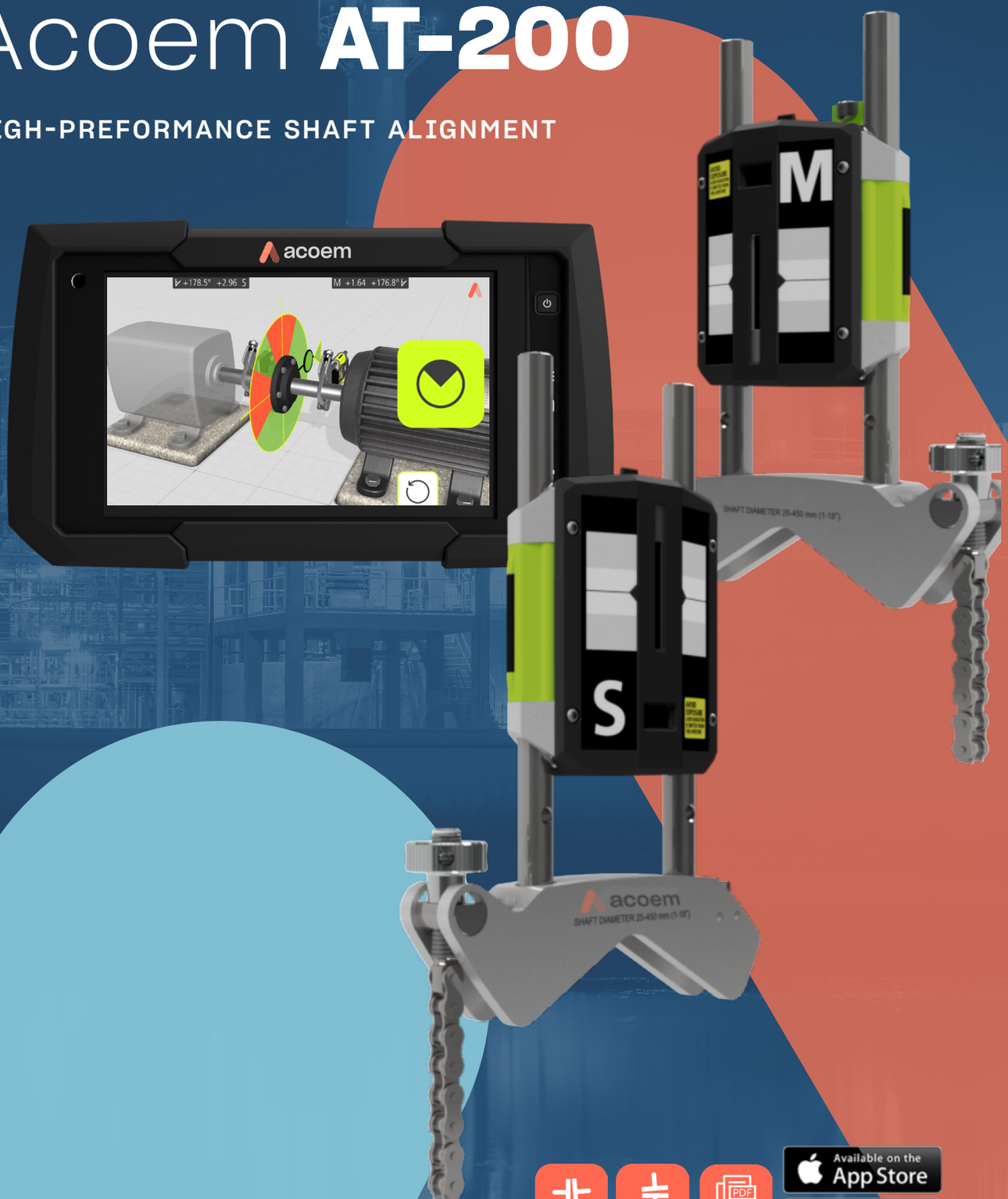
Acoem **AT-200**

HIGH-PREFORMANCE SHAFT ALIGNMENT



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Available on the App Store

GET IT ON Google Play

Acoem AT-200

Enhanced measurement and reporting capabilities with the Acoem AT-200 laser shaft alignment tool

The Acoem AT-200, a pinnacle in shaft alignment perfection meticulously crafted over four decades of unparalleled expertise and groundbreaking innovation. Elevating your user experience with cutting-edge technology, this solution embodies the epitome of precision and efficiency.

Experience the future of precision alignment with Acoem's AT-200. This app-based shaft alignment tool blends integrated apps, patented tech, and effortless connectivity for unparalleled performance in Industry 4.0. Elevate your precision game with the AT-200 – where innovation meets efficiency.

A complete shaft alignment solution

- Two smart wireless sensors with their accessories
- Task oriented Horizontal & Vertical shaft alignment mobile apps
- Optional Acoem Cloud connectivity with report storage, trending and work order and sharing capabilities with secure communication.

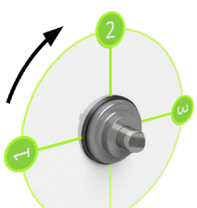
Digital sensors with 30 mm detector and **line laser** eliminate rough alignment and shorten setup time

Thin sensors suitable for machines with limited space

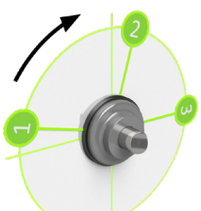
Integrated Bluetooth for wireless communication between display unit and smart sensors

IP65-certified sensors design that can withstand harsh environments

Measuring methods.



Clock™ method
In the Clock method, machinery positions are calculated by taking three points with 180° of rotation.



Tripoint™ method
In the Tripoint method, the alignment condition can be calculated by taking three points while rotating the shaft at least 60°. In this method, all points are taken manually.

TRIPOINT Express™ method
This method seamlessly incorporates the Tripoint approach, offering the added advantage of fully automated measurements throughout the process.

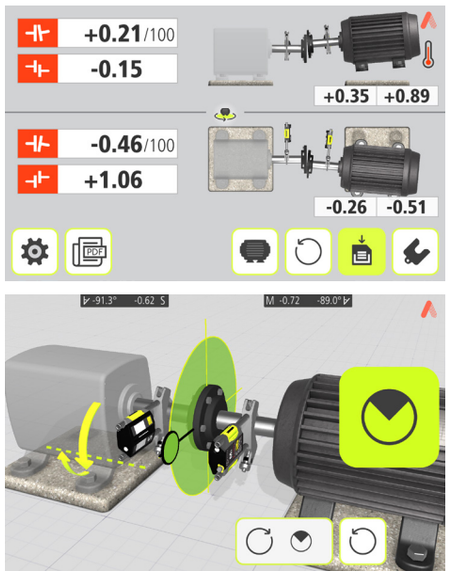
The high precision of digital laser technology not only saves you time and money on your shaft alignment, but it also removes human error, extends the life of your machinery and enhances operational performance."

GuideU™

Intuitive 3D graphical user interface

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

GuideU™ delivers precise measurement, 3-D transitions in alignment view and correction values by minimising the risk of human errors, guiding the operator through the process using visual, logical and easy-to-follow steps.



Spacer Shaft | FeetLock™ | VertiZontal™ | SoftCheck™ | Target values | PDF report

TrueLive™

Shaft alignment revolutionized

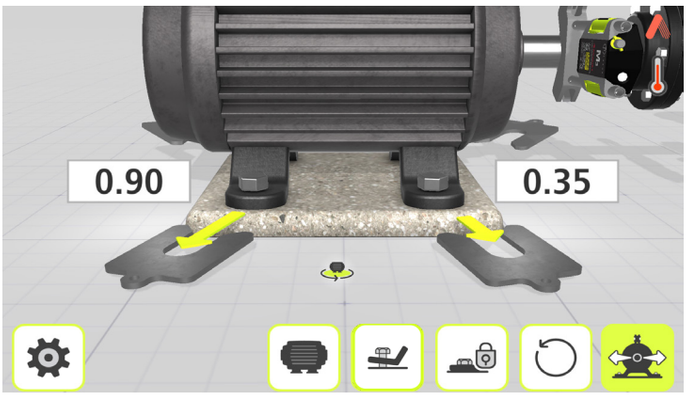
An industry-first technology, it features two smart sensors with laser beams and inclinometers that monitor both shaft positions at the same time.

Even if you move the machine's position out of detector range or interrupt the laser beam, the smart sensors will resume with an updated machine position and always deliver live values. TrueLive functionality helps you save time when aligning your machinery.

VertiZontal™

Reduce alignment time

VertiZontal™ adaptive user interface automatically indicates exactly how much you need to adjust your misaligned machine by adding or removing shims to the machine's feet. This removes the need to remeasure between the vertical and the horizontal phases to correct the horizontal misalignment. This industry-first function saves time and ensures accuracy with every measurement.



PDF report

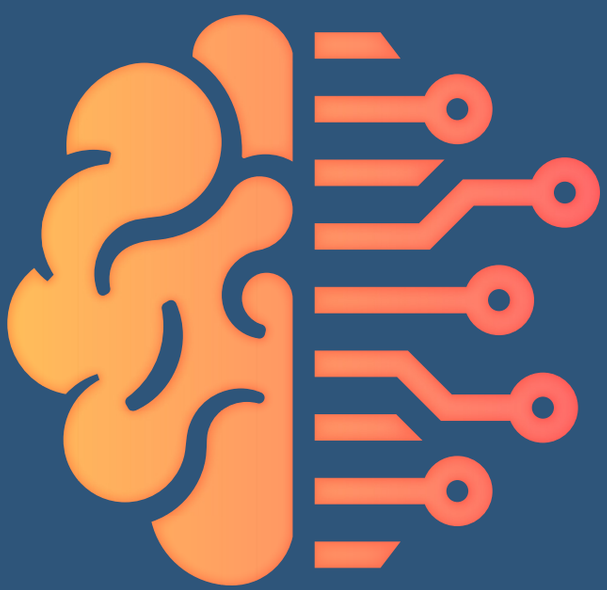
Simplify your reporting process

The Acoem shaft alignment apps' PDF report function provides fast and efficient on-site reporting functionality that converts saved measurement reports into PDF files, that can be shared instantly from your mobile device.

Alignment intelligence

Exceptional measurement accuracy

Acoem AT-200 sensors use superior digital CCD technology, giving you unrivalled digital filtering capabilities and making the sensors highly tolerant of detrimental external factors, such as vibration and ambient light.



Acoem AT-200 Unleashing the Ultimate Shaft Alignment

Innovation for Precision Maintenance

Say goodbye to complex maintenance issues! Acoem's AT-200 is here to redefine how you align shafts in industrial machinery. It's part of the Augmented Mechanics Ecosystem, a user-friendly system that combines different technologies for reliable and precise shaft alignment.

Easy to upgrade and adapt, Acoem AT-200 grows with your needs. The system includes mobile apps and wireless sensors, making maintenance a breeze. Experience straightforward and smart shaft alignment with Acoem At-200 – because keeping things simple is the key to getting it right!

Expand your toolkit with additional applications for a more versatile experience within the Ecosystem.

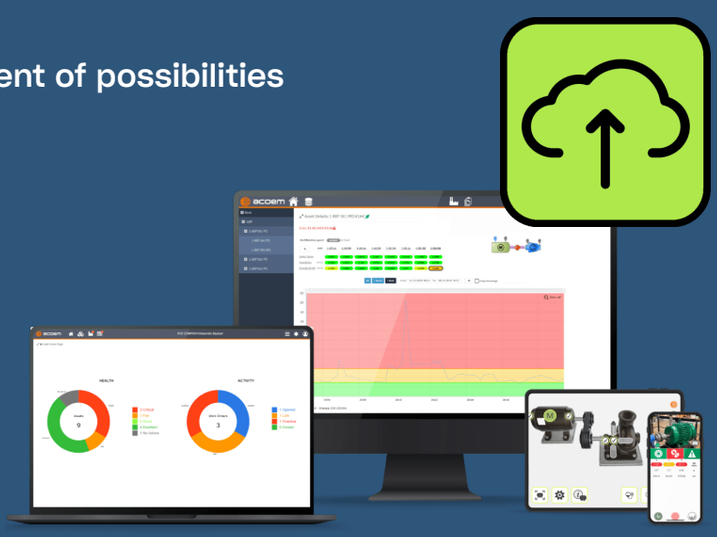
Bearing Defender

Pre-Alignment

Machine Defender

Acoem Cloud new environment of possibilities

- Total control over your machinery's proactive & predictive maintenance
- Accessible via any enabled device – tablet, smartphone, laptop etc.
- Upgradable, customisable & scalable based on your needs
- Links vibration & alignment data to optimise maintenance process
- Share information instantaneously among your teams
- Benefit of insightful product - training videos & Acoem technical support
- Optional Acoem Cloud connectivity with report storage, trending and work order management



Select Your Package

ACOEM AT-200 D — Acoem Alignment Display with Acoem Home included
ACOEM Home is an offline software on ACOEM DU, transferring data via USB providing secure functions and apps.

ACOEM AT-200 T — Tablet Display **Our system features a Wi-Fi enabled tablet capable of sharing reports and receiving app updates seamlessly.**

ACOEM AT-200 — Tablet Display unit not included.

Technical specification

Sensors M7/S7	
Dust and water resistance	IP65
Operating temperature	-10°C - 50°C
Measuring distance	Up to 15 meters
Sensor	2nd gen. Scientific grade CCD
Sensor resolution	1µm
Measurement accuracy	± 0,7µm + 0,3%
Inclinometer	Dual High Performance MEMS
Inclinometer resolution	0,01°
Inclinometer accuracy	±0,2°
Measurement accuracy	0,3 % ± 7 µm
Gyroscope	6-Axis MEMS Inertial Motion Sensor with drift compensation and automatic field calibration
Gyroscope accuracy	±1 °
Handheld Algiz RT8 tablet (OPTIONAL)	
Dust and water resistance	IP67
Operating temperature	-20°C - 60°C, MIL-STD-810G
Drop/Shock	26 drops from 1,2m, MIL-STD-810G
Vibration	MIL-STD-810G
Display	8», 1920x1200, Glove/Rain mode, Corning® Gorilla® Glass
Processor	Qualcomm® Snapdragon 625 MSM8953, 8 cores 2.0 GHz
RAM and storage	4GB / 64GB
Operating system	Android 11
Battery	3,8V, 8200 mAh, field replaceable
Camera	Rear: 13 Mpixel autofocus and flash, Front: 5 Mpixel

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 150 distributors, our 800+ employees work across 27 offices, 5 manufacturing facilities and 3 R&D centres in 11 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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