![HEXAGON]

Leica Absolute Tracker AT500
Key features

Productivity made easy
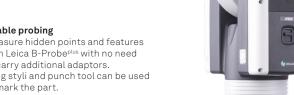Built-in controller and single-button operation for quick start measurements.

PowerLock
Interrupted line-of-sight automatically re-established with no user interaction.

Portable probing
> Measure hidden points and features with Leica B-Probe[plus] with no need to carry additional adaptors.
> Long styli and punch tool can be used to mark the part.

Integrated hot-swappable batteries
Quick and easy cable-free setup in almost any location.

Orient-to-gravity function
Allows for measurement with the Z-axis aligned to gravity – ideal for levelling and alignment tasks.

Real-time remote management
Compatibility with HxGN SFx | Asset Management, the leading solution for Industry 4.0 metrology device management.

Built-in connectivity
Connect to control PC by WiFi for completely wireless operation, or even through bluetooth to a smartphone or tablet with the AT500 Connect App.

Large volume
Measure within a volume up to 320 metres in diameter.

ISO certification
System traceability certified in line with ISO 17025.

Extended working temperature range
Guaranteed functionality in environmental temperatures from -15°C to +50°C.

Overview camera
High-resolution display features live view and multiple zoom levels with no reduction in image quality.

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Leica Absolute Tracker AT500
Key features for benchmarking

Does the laser tracker deliver the following benefits?

		Leica Absolute Tracker AT500	Other tracker
General	Can it measure within a volume up to 320 m in diameter?	✔	
	Can it lock onto a target with just 10 microns of uncertainty at any distance within range?	✔	
	Is it IP54 certified to ensure system protection in harsh environments and minimise downtime?	✔	
	Does it have an internal levelling sensor accurate to within just ±1 arcsec?	✔	
	Can it work in challenging temperatures, from -15 to +50°C?	✔	
	Does it come with a 1-year metrology software licence included?	✔	
	Is it compatible with an asset monitoring solution that provides information about the device's health and location?	✔	
	Can the tracker start measuring right out of the box?	✔	
Portability	Does the battery come as a standard accessory at no additional cost?	✔	
	Can the batteries be carried on an airplane (< 100 Wh)?	✔	
	Can the batteries be hot-swapped, allowing for longer operation without switching off the instrument?	✔	
	Is it possible to access system information and level the tracker using a smartphone?	✔	
Probing	Does it offer a 6DoF probing solution that allows for measuring hidden points and features?	✔	
	Is the tracker and the probe specified according to the international ISO 10360-10 standard?	✔	
	Can the probe work with a punch tool to facilitate accurate drilling operations or the alignment of a part on a milling machine?	✔	
	Does the probe offer long styli options (> 600 mm)?	✔	
Certification and service	Does it come with ISO 17025 certification to ensure the traceability of the calibration process?	✔	
	Does it come with a 2-year factory warranty as standard?	✔	
	Does it have 10 years of guaranteed serviceability, allowing more time to plan for a replacement?	✔	
	Does the supplier have service centres all over the world to minimise shipment costs, avoid customs bureaucracy and provide top-quality service in a local language?	✔	

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Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Manufacturing Intelligence division provides solutions that utilise data from design and engineering, production and metrology to make manufacturing smarter. For more information, visit hexagonmi.com.

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