

Leica Absolute Tracker AT930

Key features


Overview camera

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


PowerLock

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


Multifunctionality

Compatible with SCE reflector $\pm 75^\circ$


Real-time data output

1000 Hz low-latency Ethercat data transfer with the optional Real-Time Feature Pack


Hot-swappable battery power

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


Built-in WiFi

For simple set up and communication with the PC and remote control operation


Large volume

Measure within a volume up to 160 metres in diameter


IP54
IP54 protection

IEC-certified sealed unit guarantees ingress protection against dust and other contaminants


ISO certification

System traceability certified in line with ISO 17025


Real-time remote monitoring

Compatibility with HxGN SFx | Asset Management, the leading solution for of Industry 4.0 asset performance management



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Key features for benchmarking

Does the laser tracker deliver the following benefits?

	AT930	Other tracker
General	Can it lock onto a target with just 10 microns of uncertainty at any distance within range?	✓
	Can it measure a reflector from a distance of up to 80 m away?	✓
	Is it IP54 certified to ensure system protection in harsh environments and minimise downtime?	✓
	Can the tracker be used in non-conventional orientations (upside down or tilted)?	✓
	Does it have an internal levelling sensor accurate to within just ± 1 arcsec?	✓
	Is it possible to get information such as connection status, environmental data and usage statistics and even get immediately notified if an event happens?	✓
	Is the system compatible with the standard metrology packages on the market?	✓
Portability	Does it support WiFi connectivity?	✓
	Has the system gone through a drop test proving that it will remain fully functional if submitted to a hard shock such as may happen during transportation?	✓
	Can it operate on battery power for more than 6 hours?	✓
	Can the batteries be hot-swapped, allowing for longer operation without switching off the instrument?	✓
Probing	Is the tracker compatible with a wide-angle reflector, which can speed up the measurement process by reducing the need to adjust the angle of the reflector, such as the Super CatEye?	✓
	Is it possible to collect 1000 points per second with very low latency? Real-time point coordinates can be useful for correction of automated applications?	✓
	Is it possible to use external triggering in order to synchronise a "machine start/stop" with tracker measurements?	✓
	Does it have an internal levelling sensor accurate to within just ± 1 arcsec?	✓
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?	✓
	Is the product specified according to ISO 10360-10?	✓
	Does it have 10 years of guaranteed serviceability, allowing more time to plan for a replacement?	✓
	Does the supplier have service centres spread 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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