

# Leica Absolute Tracker AT403

## Key features

**Absolute portability**

Full probing system fits in a lightweight case that can be carried on a plane as hand-luggage

**PowerLock**

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

**Portable probing**

> Measure hidden points and features with Leica B-Probe with no need to carry additional adapters  
> Long styli and punch tool can be used to mark the part

**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

**Adaptive to several mounting solutions**

Requires no heavy stands – can be used on magnetic bases, light tripods or even directly on the floor

**Built-in WiFi**

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

**Large volume**

Measurement volume of up to 320 metres in diameter with reflector and 20 metres with B-Probe

**IP54****IP54 protection**

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

**ISO****ISO certification**

System traceability certified in line with ISO 17025



# Leica Absolute Tracker AT403

## Key features for benchmarking

### Does the laser tracker deliver the following benefits?

		Leica Absolute Tracker AT403	Other tracker
<b>General</b>	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 $\pm 1$ arcsec?	✓	
<b>Portability</b>	Does it support WiFi connectivity?	✓	
	Can it be carried as hand luggage on a standard flight?	✓	
	Is a backpack carry option available that allows for hands-free transportation of the complete tracker system?	✓	
	Does it work on light tripods or even mounted directly on the floor?	✓	
	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?	✓	
<b>Probing</b>	Does it offer an entry-level probing solution?	✓	
	Does the probe offer long styli options (longer than 600 mm)?	✓	
	Can the probe work with a punch tool to facilitate accurate drilling operations or alignment of a part on a milling machine?	✓	
<b>Certification and service</b>	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 spread all over the world to minimise shipment costs, avoid customs bureaucracy and provide top-quality service in a local language?	✓	

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

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](https://hexagonmi.com).

Learn more about Hexagon (Nasdaq Stockholm: HEXA B) at [hexagon.com](https://hexagon.com) and follow us [@HexagonAB](https://twitter.com/HexagonAB).