



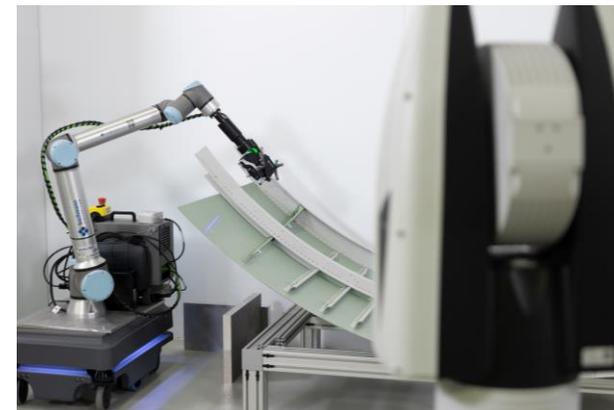
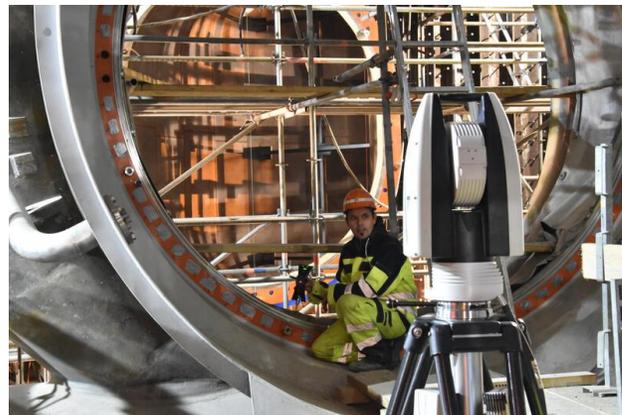
Leica Absolute Tracker AT500 and B-Probe^{plus}



The Absolute Tracker range

Introduction

- Laser trackers are portable systems able to accurately measure 3D points in any environment.
- Absolute Tracker systems can be used to inspect very large objects such as cars, ships or aeroplanes, or even to align machines or calibrate robots.



The Absolute Tracker range

Absolute Tracker models



Leica Absolute Tracker
AT930 | AT960

Flagship laser tracker
AIFM – 1000 Hz
Reflector | Probing
Scanning | Automation



Leica Absolute Tracker
ATS600

Laser tracker and scanner
WFD – 1000 Hz
Reflector | Direct Scanning



Leica Absolute Tracker
AT500

Laser tracker
ADM – 100 Hz
Reflector | Entry-level probing

What are the AT500 and B-Probe^{plus}?

The **Leica Absolute Tracker AT500** is the fastest and easiest tracker model to setup and get started with measurement. It's the only model with integrated batteries and a built-in controller, and that can measure across a volume up to 320 metres in diameter.

The **B-Probe^{plus}** is the probing solution for parts with open tolerances like welded structures or casted parts. It allows the user to measure points that are not directly visible to the tracker as well as easily measure features.



AT500 and B-Probe^{plus} | Applications

Part inspection



Machine geometry



Alignment



Building tool and jigs



Assisted manufacturing



Common customer challenges



Too many boxes



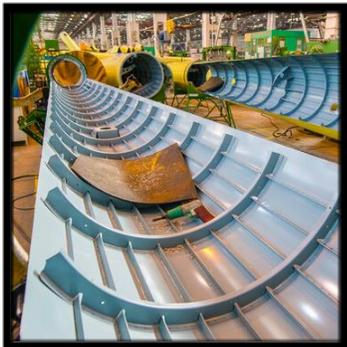
Time pressure



Low productivity



Complexity



Hidden points



Temperature



Harsh environment



Operator skills

AT500 and B-Probe^{plus} | Customer benefits



Single case



Battery powered



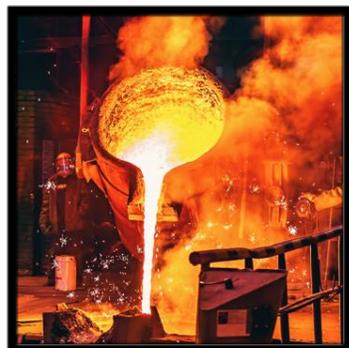
PowerLock



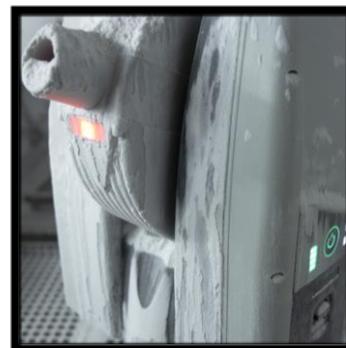
Click and measure



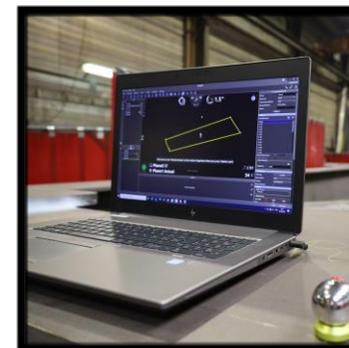
B-Probe^{plus}



Extended working temperature range

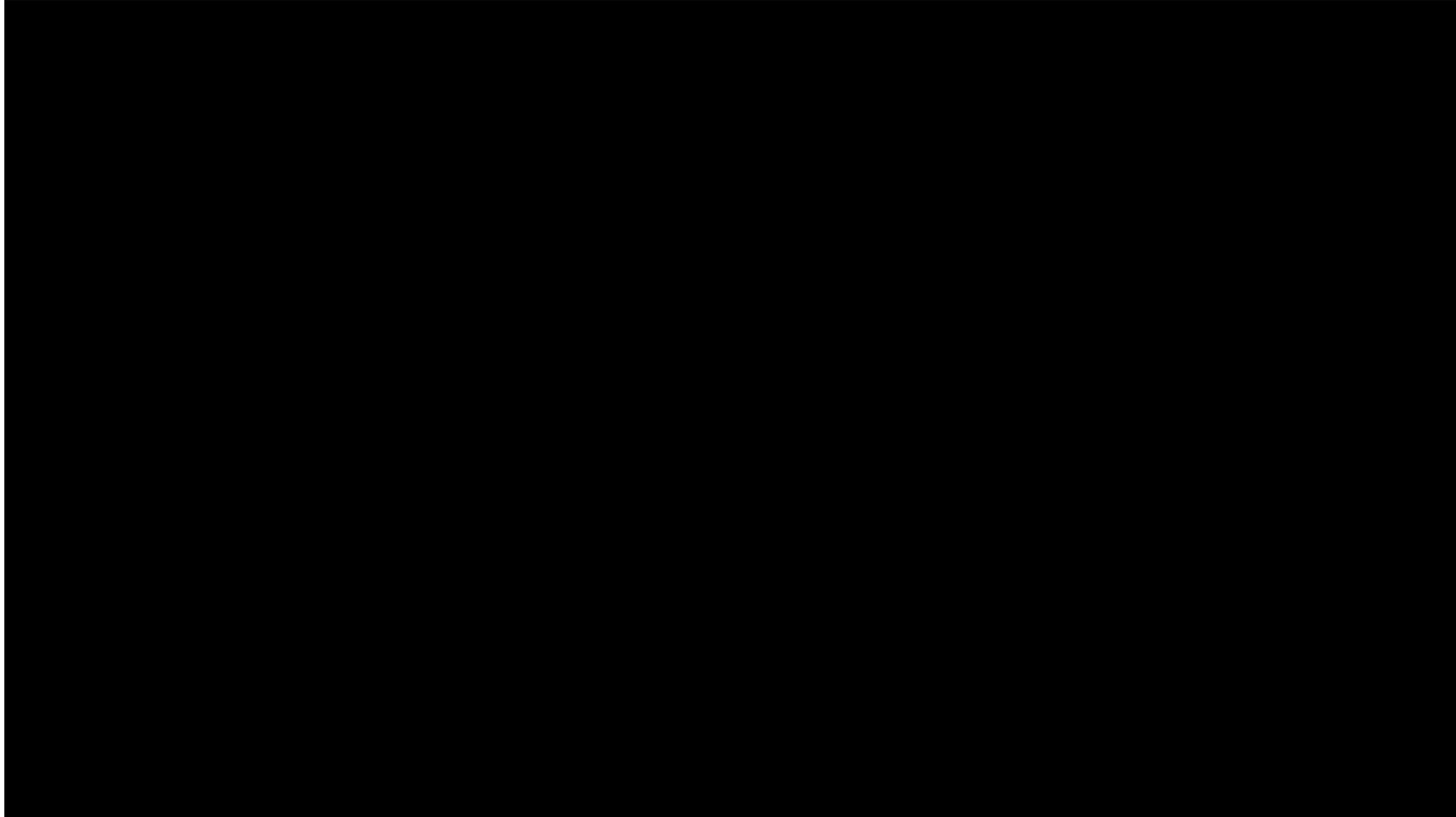


IP54

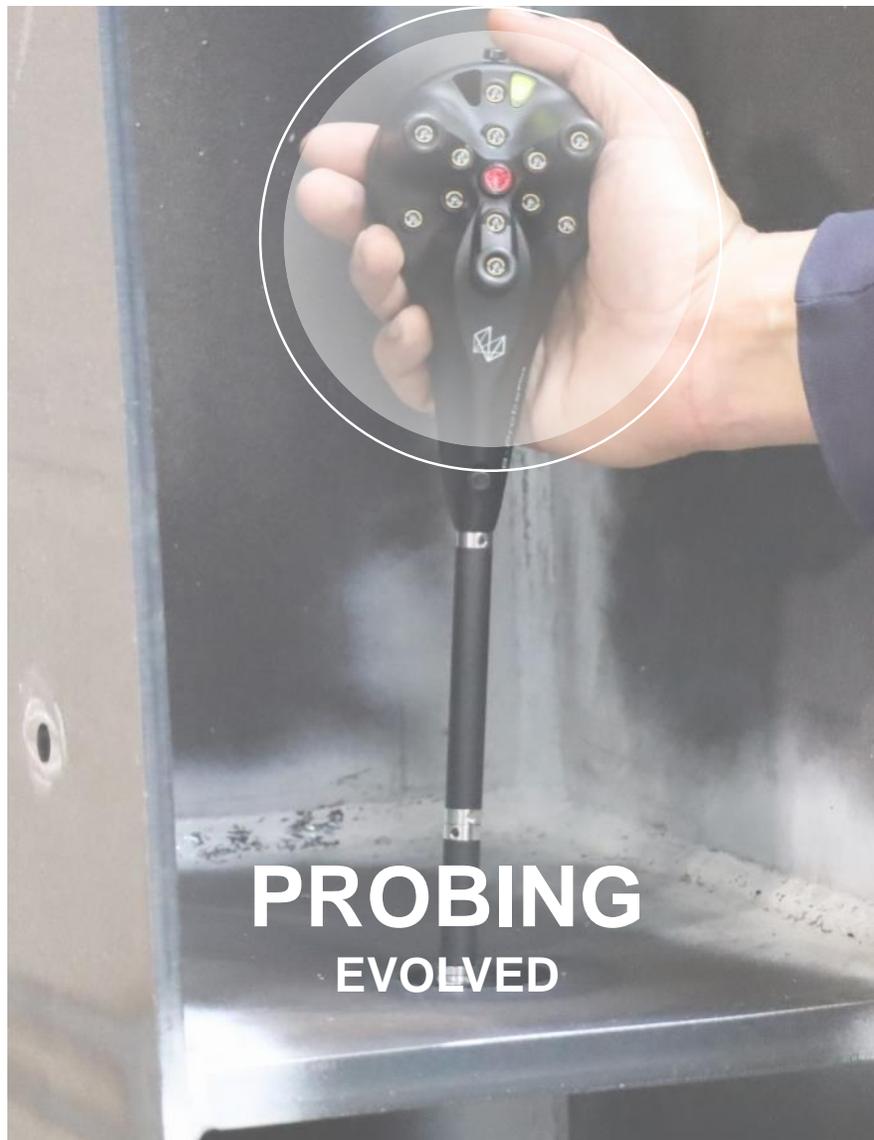


Inspire bundle

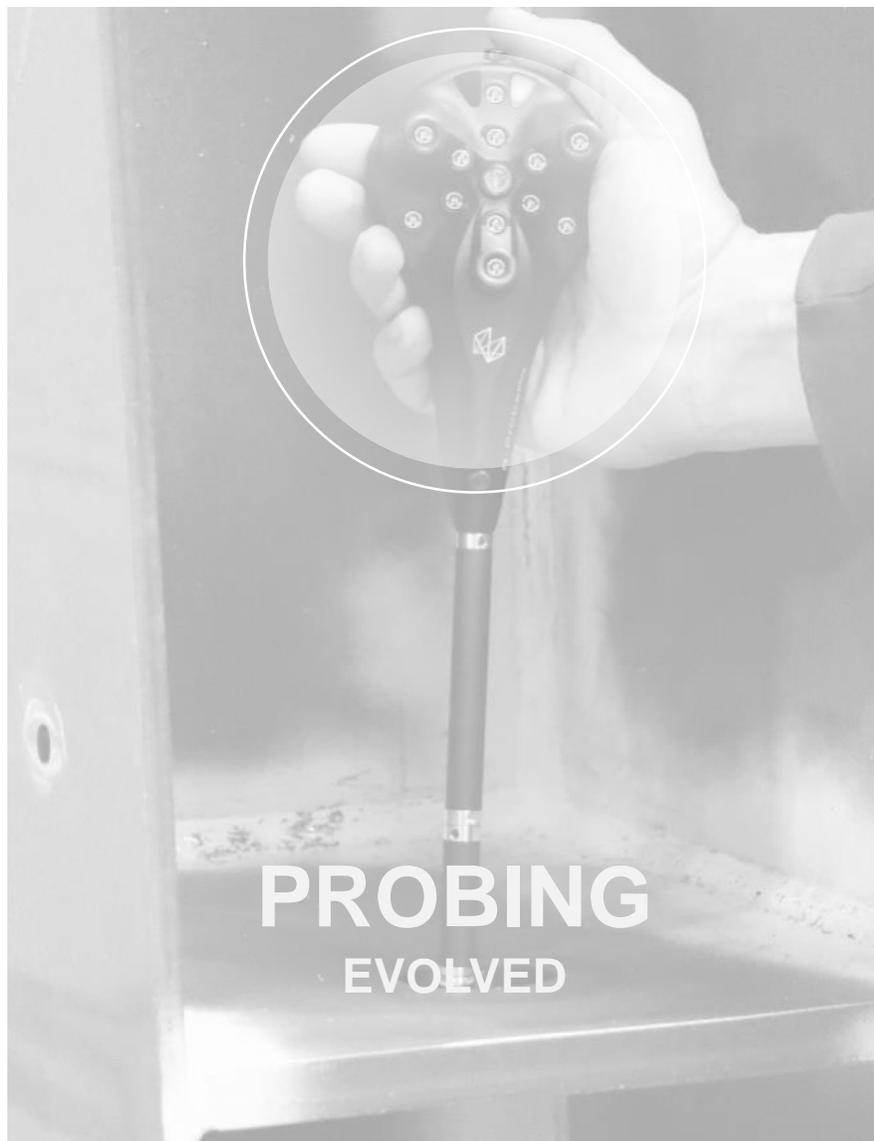
AT500 launch video



AT500 and B-Probe^{plus} | Highlights

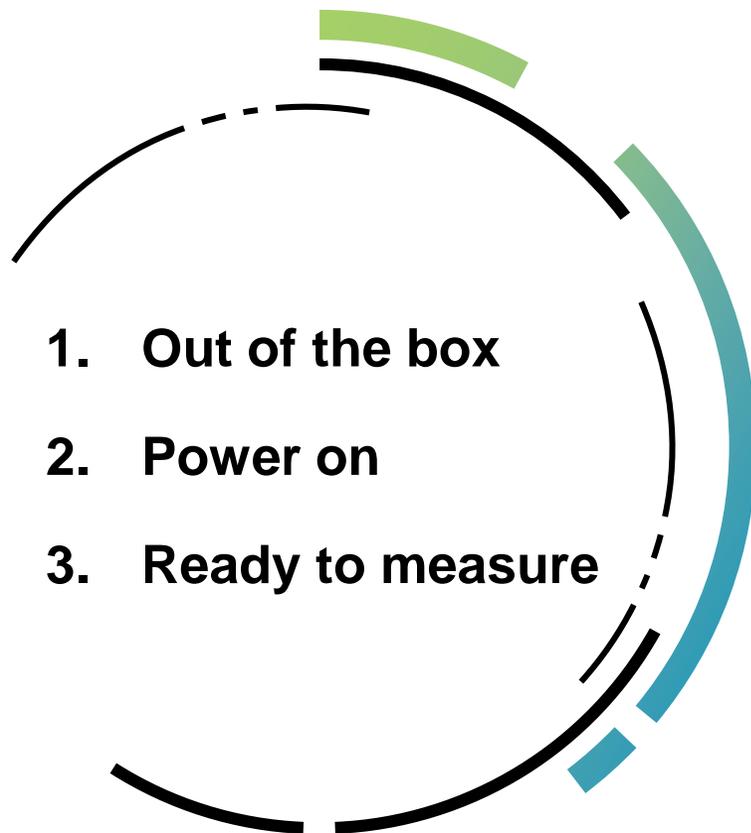


AT500 and B-Probe^{plus} | Highlights



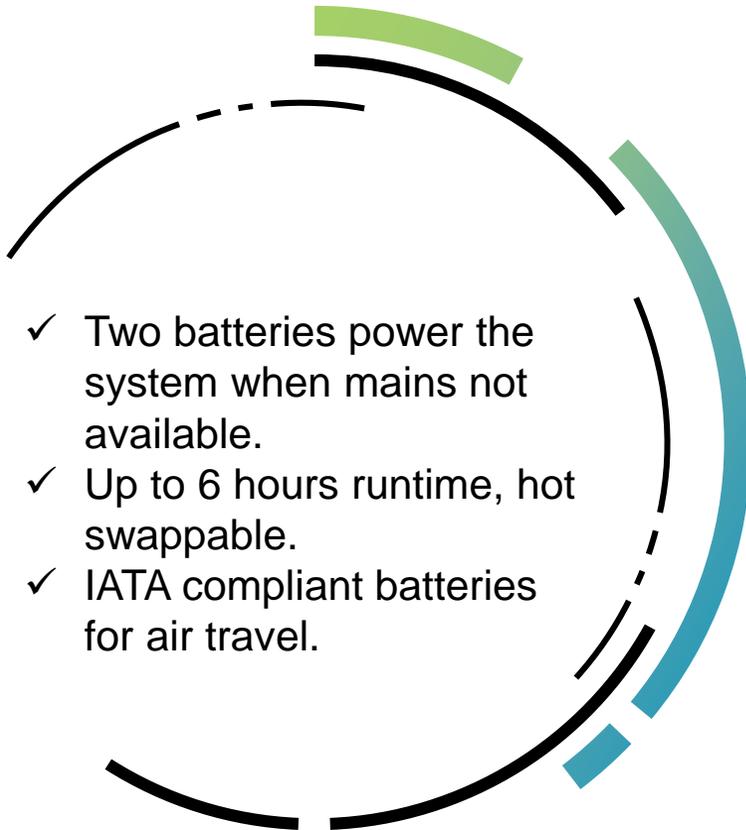
AT500 and B-Probe^{plus} | Customer benefits

PRODUCTIVITY MADE EASY | Set up



AT500 and B-Probe^{plus} | Customer benefits

PRODUCTIVITY MADE EASY | Battery power

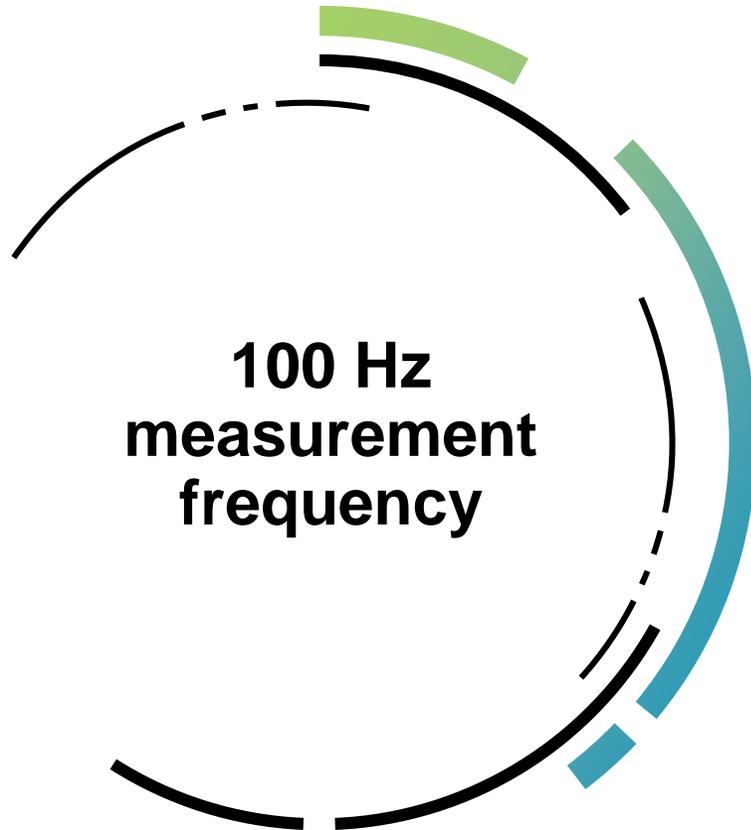


- ✓ Two batteries power the system when mains not available.
- ✓ Up to 6 hours runtime, hot swappable.
- ✓ IATA compliant batteries for air travel.



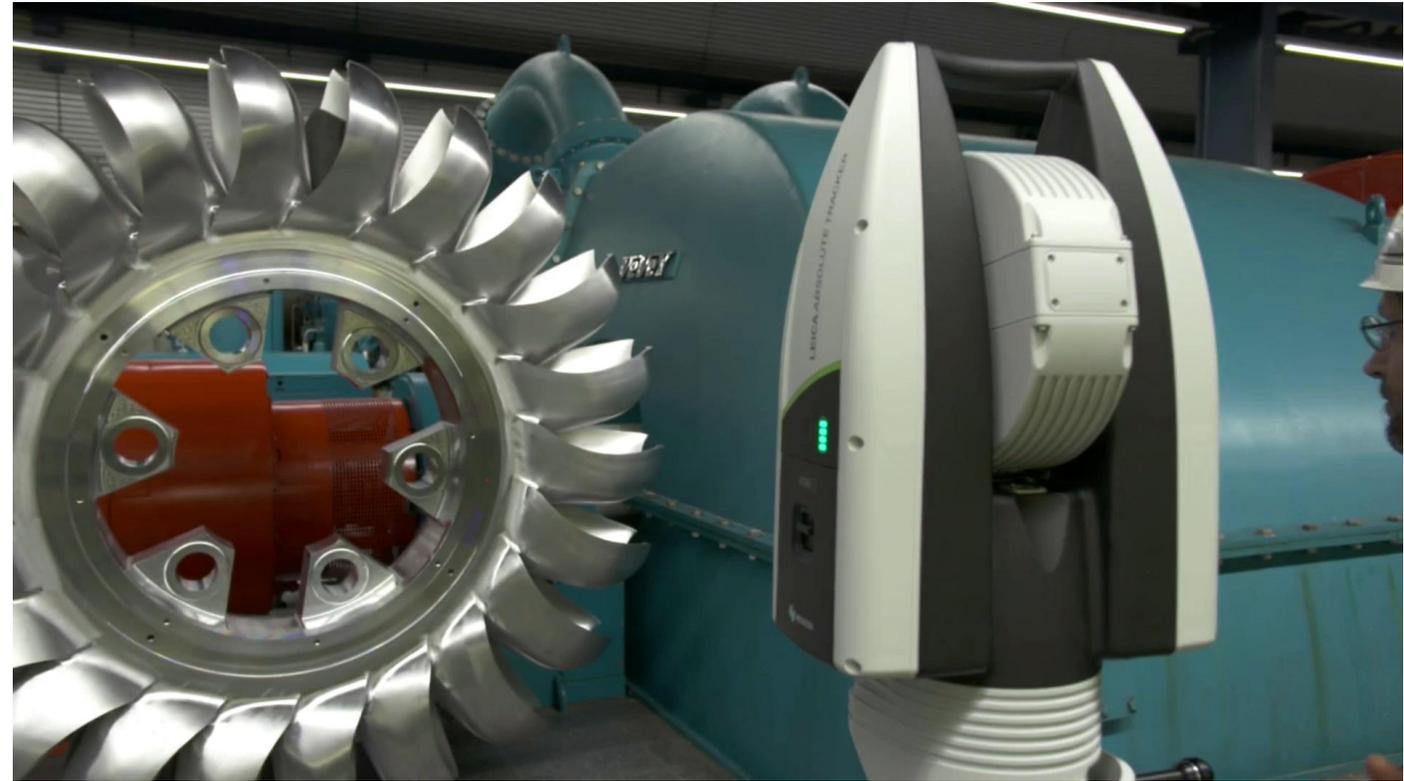
AT500 and B-Probe^{plus} | Customer benefits

PRODUCTIVITY MADE EASY | Speed



AT500 and B-Probe^{plus} | Customer benefits

PRODUCTIVITY MADE EASY | Automatic targeting



AT500 and B-Probe^{plus} | Customer benefits

PRODUCTIVITY MADE EASY | Probing

Stable probing

- ✓ Wireless
- ✓ Remote control
- ✓ 12-metre range



AT500 and B-Probe^{plus} | Customer benefits

PRODUCTIVITY MADE EASY | AT500 Connect app



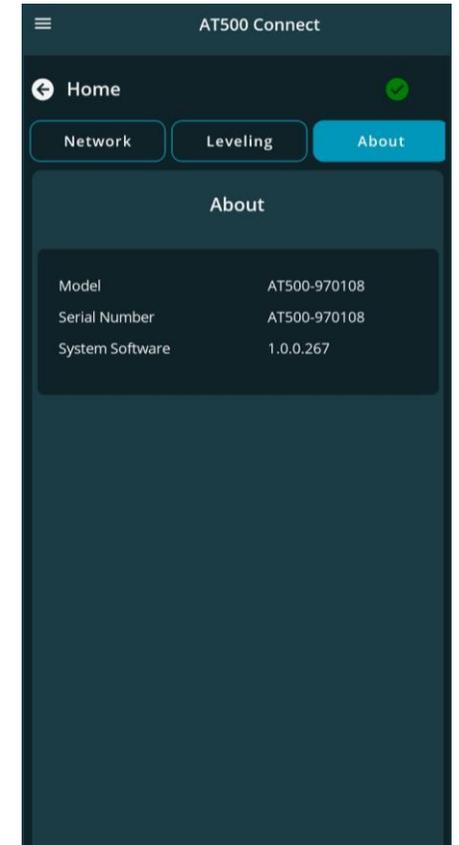
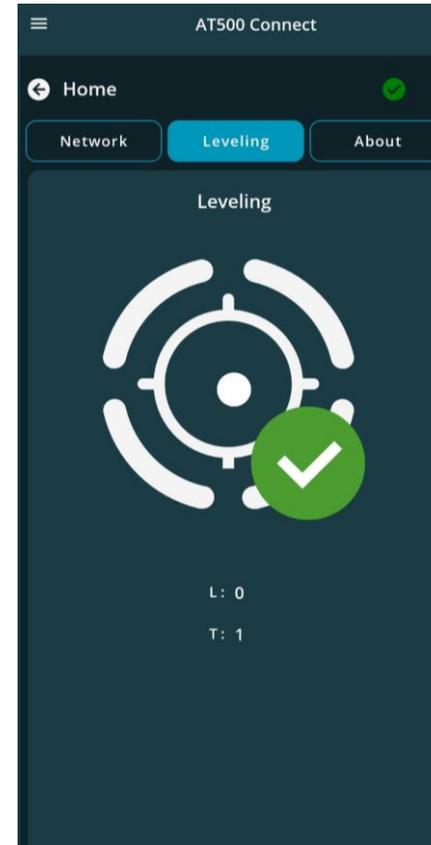
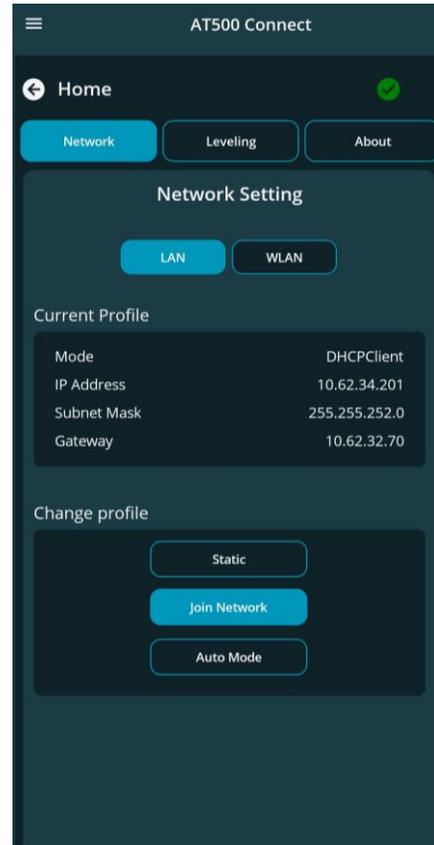
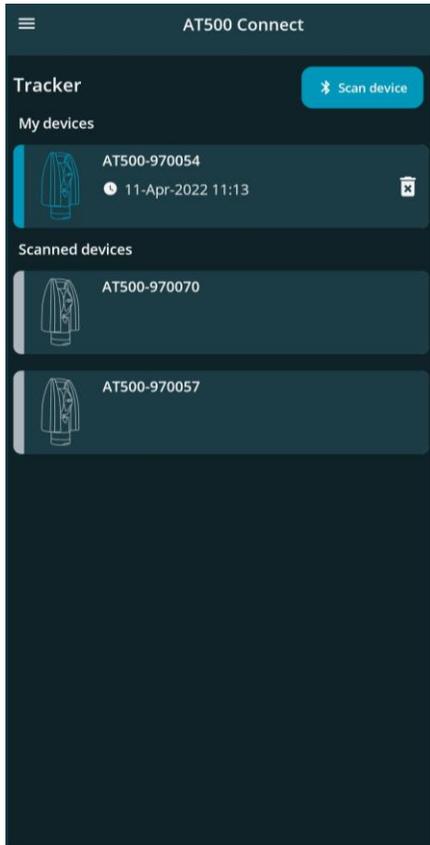
Functionality in your hands

- ✓ IP configuration
- ✓ Levelling



AT500 and B-Probe^{plus} | Customer benefits

PRODUCTIVITY MADE EASY | AT500 Connect app



AT500 and B-Probe^{plus} | Customer benefits

PRODUCTIVITY MADE EASY | Included metrology software



HEXAGON

One-year Inspire licence included with your brand new Leica Absolute Tracker AT500

Hexagon's next-generation Inspire software:

- One simple interface for all portable probing and scanning devices.
- Built with intelligent workflows to help increase productivity.
- All-in-one solution that includes importing and using all native CAD models.
- Intuitive and easy to use, meaning less time spent training technicians.
- Versatile solution designed to help simplify complex measurement challenges.

Scan here for your one-year Inspire licence and to pair your new hardware now

<https://go.hexagonmi.com/try-inspire>

Offer based on onboarding within 28 days of product delivery.

969871

AT500 and B-Probe^{plus} | Highlights



AT500 and B-Probe^{plus} | Customer benefits

PROBING EVOLVED | Usability

Easy to use

- ✓ Live feedback on probe and tracker
- ✓ Fast measurement speed



LEICA ABSOLUTE TR



 **SWISS Technology**
by Leica Geosystems



AT500 and B-Probe^{plus} | Customer benefits

PROBING EVOLVED | Versatility

Easily measure features or hidden points

- ✓ Unlimited styli sizes and lengths quickly compensated
- ✓ 6 hours' continuous use



AT500 and B-Probe^{plus} | Customer benefits

PROBING EVOLVED | Certified accuracy



**ISO 10360-10
accuracy
specifications**



AT500 and B-Probe^{plus} | Highlights



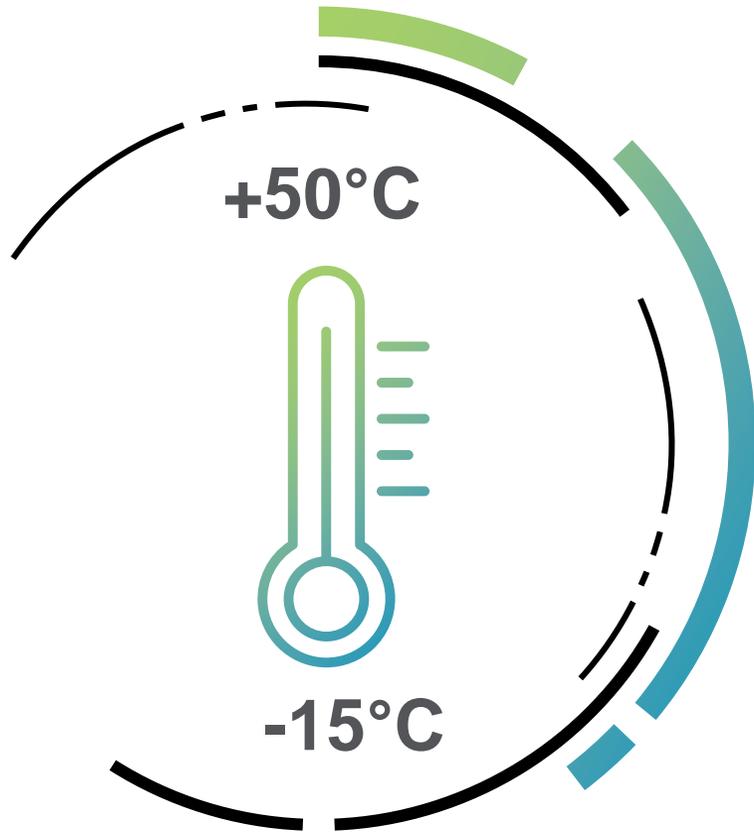
AT500 and B-Probe^{plus} | Customer benefits

MEASUREMENT ANYWHERE | Environmental protection



AT500 and B-Probe^{plus} | Customer benefits

MEASUREMENT ANYWHERE | Operating temperature range



AT500 and B-Probe^{plus} | Customer benefits

MEASUREMENT ANYWHERE | Environmental monitoring

Bluetooth object temperature sensor

- ✓ 30-metre range
- ✓ Multi-sensor functionality



AT500 and B-Probe^{plus} | Customer benefits

MEASUREMENT ANYWHERE | Mounting

Flexible mounting

- ✓ Work in any orientation
- ✓ Various accessories available

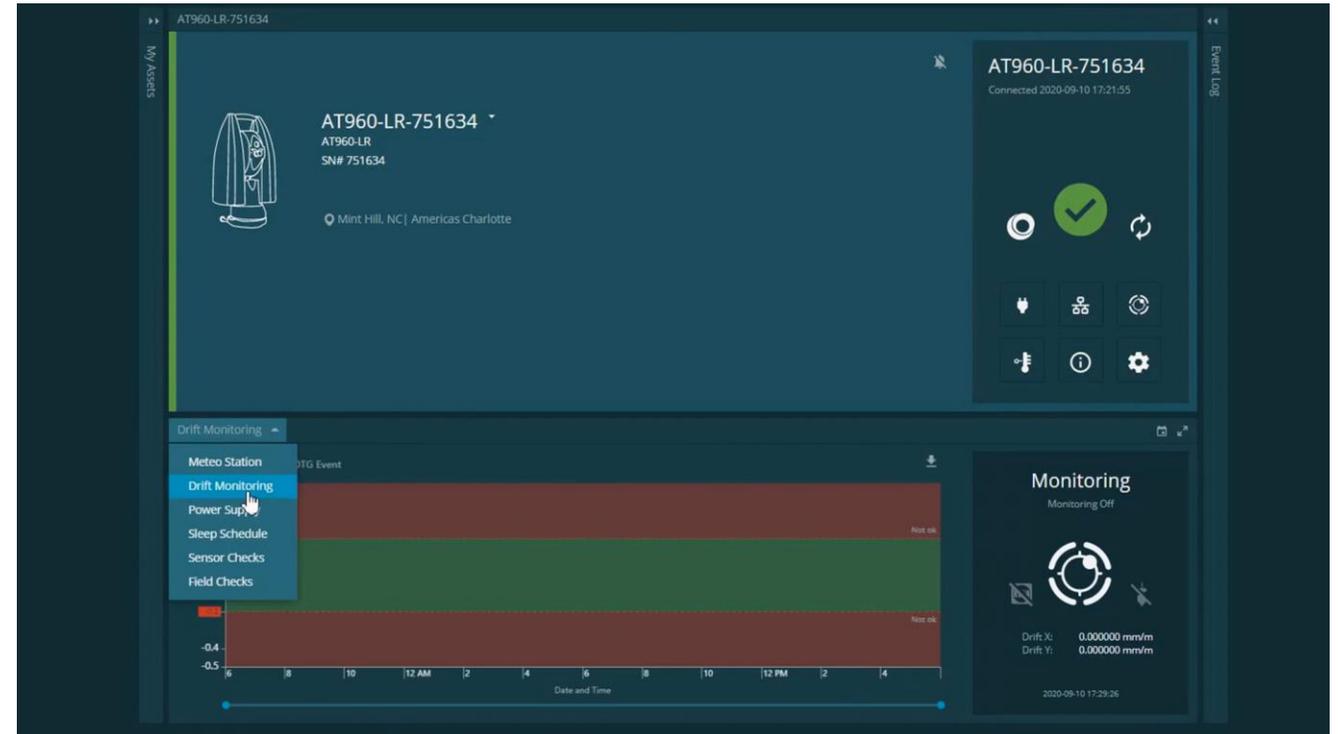


AT500 and B-Probe^{plus} | Customer benefits

MEASUREMENT ANYWHERE | Monitoring and management

HxGN SFX | Asset Management

- ✓ Notifications about device health
- ✓ Manage tracker fleet remotely
- ✓ 50% discount on GPS Add-on



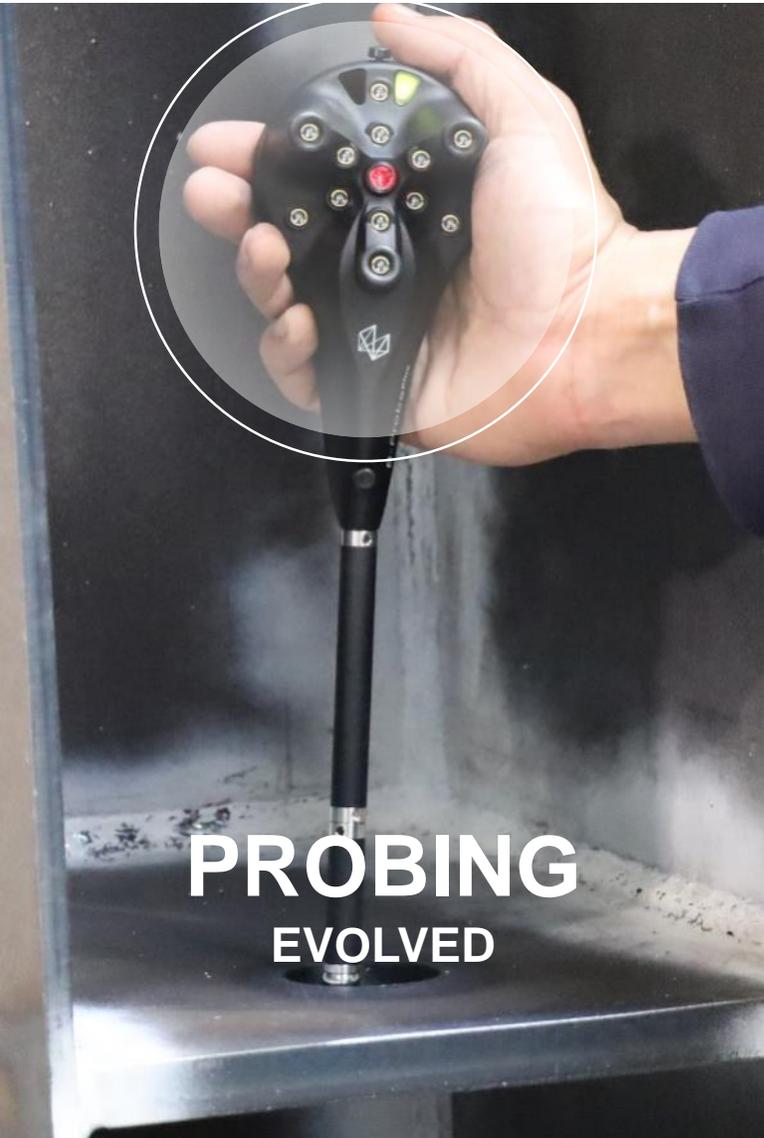
AT500 and B-Probe^{plus} | Summary



- ✓ 1-button operation
- ✓ Built-in controller
- ✓ Integrated batteries
- ✓ No levelling needed
- ✓ No reflectors to start-up
- ✓ AT500 Connect app
- ✓ Inspire licence included



AT500 and B-Probe^{plus} | Summary



- ✓ Live feedback and fast measurement
- ✓ Range from 1.6 to 12 metres
- ✓ ISO10360-10 compliant specs
- ✓ Various styli can be quickly compensated
- ✓ New buttons
- ✓ New batteries



AT500 and B-Probe^{plus} | Summary



- ✓ IP54-rated
- ✓ Extended temperature range, from -15° to +50°C
- ✓ Built-in controller adds flexibility
- ✓ Works in any orientation
- ✓ Monitor remotely with HxGN SFx | Asset Management



Thank you