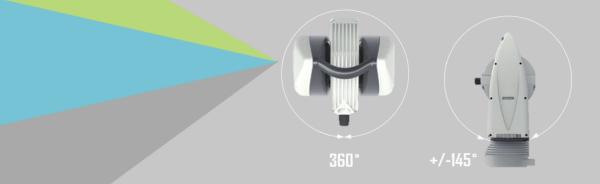


Leaders in Latest Measuring Solutions



# LEICA ABSOLUTE TRACKER AT960 LR





Leica Absolute Tracker AT960 is a complete solution for six degrees of freedom (6DoF) probing, scanning and automated inspection as well as reflector measurement.

This fits in a single flight case. So that, it can be transported easily, unpacked quickly and it powered up in minutes to deliver high-performance measurement almost anywhere.

Its **Absolute Interferometer (AIFM)** enables accurate high-speed measurement to a moving target while the innovative PowerLock function ensures an interrupted beam is instantly re-established without user intervention and reducing operator workload.

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**Measurement volume of up to 160 metres in diameter**. AT960 is compatible with Leica T-Probe and Leica Absolute Scanner technology.

#### **Technical Specifications**

| Accuracy                                                    | Ux,y,z = +/-15 µm + 6 µm/m                   |      |  |  |  |  |
|-------------------------------------------------------------|----------------------------------------------|------|--|--|--|--|
| Angle accuracy<br>Distance accuracy AIFM<br>Dynamic lock on | +/-15 μm + 6 μm/m<br>+/-0.5 μm/m<br>+/-10 μm |      |  |  |  |  |
| Environmental working conditions                            |                                              |      |  |  |  |  |
| Dust/Water<br>Operating temperature                         | IP54 (IEC 60529)<br>0°C to +40°C             | K    |  |  |  |  |
| Data output rate                                            | 1000 points/sec                              | ACKE |  |  |  |  |
| Measurement volume (Ø)                                      | 160 m*                                       | E TR |  |  |  |  |
|                                                             |                                              | E    |  |  |  |  |

### Leica T Probe III

A small, light, user-friendly and more accurate hand-held probe in the world, the Leica T-Probe gives you more than 6 Degrees of Freedom.

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#### **Features**

- Largest armless operation measurement volume of up to 60 m (196 ft).
- Wider acceptance angle than any comparable system: pitch ±45°, yaw ±45°, roll 360°
- Battery-powered for wireless operation
- Automated probe identification reduces operator errors
- User-assignable multi-function buttons for individual application functionality for all
- buttons
- Compatible with a wide range of styli available, incl. 100 mm, 200 mm and longer
- Point rate output of 1,000 points per second
- □ Tracking speed > 1 m/s
- Precise quick release and automated stylus recognition for exchanging styli without calibration.

## Leica Absolute Scanner AS1 -XL

The world's first large-scale handheld 3D laser scanner

An extra-wide scan line, large standoff and high measurement speed combined with advanced SHINE technology for intelligent data handling – the AS1-XL is a quantum leap forward for the non-contact measurement of large surfaces.

| Accuracy (senso   | or)  | 0.134 mm      |               |   |
|-------------------|------|---------------|---------------|---|
| Point acquisition | rate | up to 1.2 mil | lion points/s |   |
| Line width (mid)  |      | 600 mm        |               |   |
| Standoff          |      | 700 ± 300 m   | m             |   |
|                   |      |               |               |   |
|                   |      |               |               | N |
|                   |      |               |               |   |