

Leica Geosystems Calibration Certificates



The overall demand for calibration certificates confirming the measurement quality of surveying equipment is increasing. This is mainly due to the fact that more and more surveying companies or their contractors are becoming ISO 9001 certified and therefore need to periodically confirm the accuracy of their equipment.

A number of calibration certificates are available for Leica Geosystems total stations, laser scanners, digital levels, GNSS sensors and controllers – for new equipment at the initial purchase or for periodic recalibration at Leica Geosystems Authorised Service Centres.

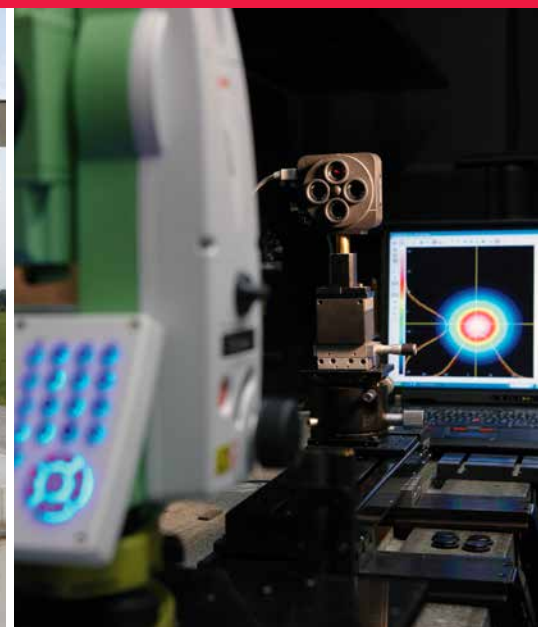
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- when it has to be **right**

Leica
Geosystems

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HEXAGON



Calibration Certificates

Leica Geosystems AG in Switzerland has Accredited Calibration Laboratories (SCS 079) for distance and angle measurements. The accreditation is in accordance with the standard ISO/IEC 17025 and is granted by the Swiss Accreditation Service (SAS), member of ILAC (International Laboratory Accreditation Cooperation).



Leica Geosystems AG has the following Accredited Calibration Laboratories for distances and angles:

- Measurement laboratories for the determination of linearity and zero point correction
- 3000 m baseline for the determination of standard deviation and for verification of zero point correction
- Frequency measurement laboratories to determine the measuring frequency at various temperatures
- An angle measurement laboratory (TPM) for determination of the standard deviation of angle measurements (vertical and horizontal)

A number of calibration certificates are available at different levels for Leica Geosystems total stations, laser scanners, digital levels, GNSS sensors and controllers – at the initial purchase and for periodic recalibrations at our Authorised Service Centres.

Calibration Certificates Blue are based on the manufacturer's defined procedures and confirm that the individual product was checked and specifications were met.

Calibration Certificates Bronze are based on the manufacturer's defined procedures and confirm that the individual product was inspected and specifications were met and include standard deviations.

Calibration Certificates Silver are based on the manufacturer's defined standards and the test procedures are traceable to national standards or recognised procedures, include standard deviations and are supplemented by measurement reports.

Calibration Certificates Gold issued by the accredited calibration laboratories are internationally acknowledged and the test results are directly traceable to national standards, include measurement uncertainties and are supplemented by detailed measurement reports.

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