

GLM Lasermeßtechnik GmbH – Handhelds

Handhelds

The philosophy of controlling your industrial tachymeter (or total station) by using an electronic handheld is quite simple. The software of the handheld processes all the data. The industrial tachymeter measures two angles and one distance. The data are immediately transmitted to the handheld via Bluetooth. The calculations, such as the position during a change of location, the orthogonal coordinates (Y-X-Z) or the correction values for stake-outs are done on the handheld.

Some advantages of a hand calculator are:

- By using a handheld and a motorized industrial tachymeter you are able to operate the 3D measuring system on your own
- The operator can stay at the object to be measured and can compare and enter the point number and possible offsets
- With the handheld you are independent of the internal software of the industrial tachymeter
- With the handheld you are independent of the internal software of the industrial tachymeter. If your industrial tachymeter is not available (inspection or repair) you can simply control another industrial tachymeter. The working method remains the same.

Old industrial tachymeters or total stations such as the NET1100M or the NET1 are usually in a technically perfect condition. Only the data recording (e.g. plausibility check of the measurement results by graphical user interface) and further processing (e.g. import and export of various data formats) are no longer up to date. GLM Lasermeßtechnik offers you, depending on the task spectrum, different ways to solve this problem.

As hardware we offer you different kind of handhelds. The software solution depends on your task field:

- [Archer2](#)
- [Mesa](#)
- [Latitude Rugged Extreme Tablet](#)