

### Leica GPH1P precision reflector



For highest-precision distance measurement, a precision reflector is available from Leica Geosystems AG. This reflector is particularly suitable for use with Leica Geosystems TC/TCA1800 and TC/TCA2003 total stations as well as TPS1100 Series total stations, and makes it possible to exploit the full measuring accuracy of these instruments.

The Leica Geosystems precision reflector completes the Leica Geosystems reflector system. It is an element of Leica Geosystems' forced centring system and therefore fully interchangeable with all TPS total stations from Leica Geosystems.

The stringent manufacturing tolerances for this precision reflector, GZR2 and GZR3 precision-reflector carriers, and GDF121 and GDF122 Professional tribrachs ensure a three-dimensional positioning accuracy of  $\sigma = 0.3\text{mm}$ .

### Performance features

- Stable metal housing ensures high stability that withstands temperature variations and rough transport handling.
- High-precision optical sight for the accurate, reliable alignment of the precision reflector with the instrument.
- Exactly adjusted prism (Leica Geosystems prism constant = 0mm).
- Reflector can be locked in 0 position.
- Accurate angle measurement to GPH1P with a precise point of intersection of prism edges in standing and tilting axes.

### Stock numbers for ordering

555 631	GPH1P single-prism precision reflector
555 634	GVP468 container for 2 GPH1P
360 532	GZR2 carrier with plate level, without optical plummet
428 340	GZR3 carrier with plate level and optical plummet
667 304	GDF121 Professional Series tribrach, without optical plummet
667 307	GDF122 Professional Series tribrach, with optical plummet
722 322	GVP616 container for one reflector, laser plummet or reflector carrier, tribrach and instrument height meter

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