



Product Information

Accessories 8/02 no. 1

GPR112 Monitoring and Mining Prism

Leica Geosystems now offers a monitoring and mining prism to complete its range. The GPR112 prism was developed in response to customer demands in these specific market segments. The GHT112 Mounting Kit and GDZ112 Rain shelter are also available. The GPR112 can be aligned in one or two axes to the instrument position, depending on the application.

The rotational axes intersect at the prism's optical centre. All GHT112 screws are self-securing, i.e. totally maintenance-free. The robust but easy to mount rain shelter protects the prism front against rain and snow. With this feature the prism is usable without cleaning even in or direct after poor weather.



Features – GPR112 Monitoring and Mining Prism

- Large, uncoated prism, approx. 60mm visible diameter for long-range measurements.
- During temperature changes, brief condensation may occur at the back of the prism. The built-in filter, a unique and the most reliable solution on the market, guarantees a short drying period. In a comparison test, sealed and gas filled prisms offered by our competitors, remained in a state of condensation and could not be used for several days.
- Full ATR range for TPS1000 and TPS1100 family instruments.
- Possibility for mounting on M8 stud anchors or threaded bars, e.g. as used in the HILTI DX (Direct Fixing) system, for ultimate ease of installation.
- Mounting-compatible with competing systems thanks to 5/8" adapter included as standard.
- Assembly instructions for various installation options.



Features – GHT112 Mounting Kit for GPR112

- 2 adapters – M8 and 5/8" internal thread – for installation on threaded bolts, stud anchors or threaded bars.
- 2 L-clips – base plate and swing arm – for universal installation.
- Base plate can be mounted directly on the structure, e.g. using HILTI DX (Direct Fixing) system nails. Two diagonal holes with minimum spacing for direct attachment to concrete.
- Self-locking bolts and nuts for secure, reliable attachment.
- Fitting instructions for various installation options.



Article numbers for ordering

726 295	GPR112 Monitoring and Mining Prism
726 296	GHT112 Mounting Kit for GPR112
727 406	Rain shelter for GPR112

Limitations of use (Monitoring and Mining Prism GPR112 and Mounting Kit GHT112)
Environment: Not applicable in explosive environment.

Leica
Geosystems

Leica Geosystems AG
CH-9435 Heerbrugg
(Switzerland)

Phone +41 71 727 31 31
Fax +41 71 727 46 73

www.leica-geosystems.com