

Geodimeter® System 400

Prisms, reflectors, prism holders and sighting targets



The range and accuracy specified in the specification for our Geodimeter system requires that the measuring instruments are used together with original Spectra Precision accessories. Do not jeopardise the precision given by Geodimeter by using accessories other than those you find in this catalogue.

1. Super prism

Part No 571 125 021. Weight 0.2 kg 0.4 lbs
High precision prism for optimal range. Equipped with a high-tech mirror surface for extra durability.
Mounts on to:
571 125 036 Single holder
571 125 850 Tilttable traversing target
571 125 874 Twin prism holder



2.



2. Sealed prism

Part No 571 126 070. Weight 0.2 kg 0.4 lbs
Sealed high accuracy prism for hydrographic or other applications where the prism is used under severe conditions.
Mounts on to:
571 125 036 Single holder
571 125 850 Tilttable traversing target
571 125 874 Twin prism holder



4.



3. Miniature prism

Part No 571 126 060. Weight 0.07 kg 0.15 lbs
Small, light and accurate prism.
The prism will decrease the range with appr. 30% compared with the prism 571 125 021.
Mounts on to:
571 125 036 Single holder
571 125 874 Twin prism holder

4. Prism ring

Part No 571 204 312. Weight 0.09 kg 0.19 lbs
A prism ring with 7 small prisms positioned for 360° coverage. Intended for collecting detail and setting out at a distance of up to 500 m. Prism constant: 2 mm. Can be combined with:
571 126 168 Sight point for detailed measurement

5.



5. Large tiltable reflector

Part No 571 126 140. Weight 0.3 kg 0.66 lbs
High quality reflector for maximum range and accuracy in setting out and tacheometry.

- Tiltable over a range of ± 35 gon (31.5°).
- Fixed level bubble and locking ring for higher stability.
- 0-constant when mounted on all range poles and signal pins produced by Spectra Precision.

6. Tiltable traversing target

Part No 571 125 850. Weight 0.2 kg 0.4 lbs
For traversing. Carries one prism e.g.:

- 571 125 021 Super prism
- 571 126 070 Sealed prism
- 571 126 060 Miniature prism

- Tiltable over a range of ± 35 gon (31.5°).
 - When mounted on prism base 571 125 950, instrument height and signal height will be the same.
- Prism is not included.

7. Single holder

Part No 571 125 036. Weight 0.04 kg 0.09 lbs
Small and solid holder with a 5/8" thread on the under side.

Designed holder for:

- 571 125 021 Super prism
- 571 126 070 Sealed prism
- 571 126 060 Miniature prism

- The distance between the rear conical point and the 0-point of the holder is 60 mm. When measuring into narrow places, place the rear cone against the measuring point and add 60 mm to the measured distance.

8. Extra sighting target

Part No 571 125 870. Weight 0.1 kg 0.2 lbs
Improves "point of lay" and consequently angle measurement results when measuring over longer ranges. Mounts on the tiltable traversing target 571 125 850 or twin prism holder 571 125 874. With these targets mounted observations up to 4 km can be made, depending on the weather conditions.

9. Twin prism holder set

Part No 571 125 874. Weight 0.1 kg 0.2 lbs
Mounts on to traversing target 571 125 850 with extra sighting target 571 125 870.

6.



7.



8.



9.

