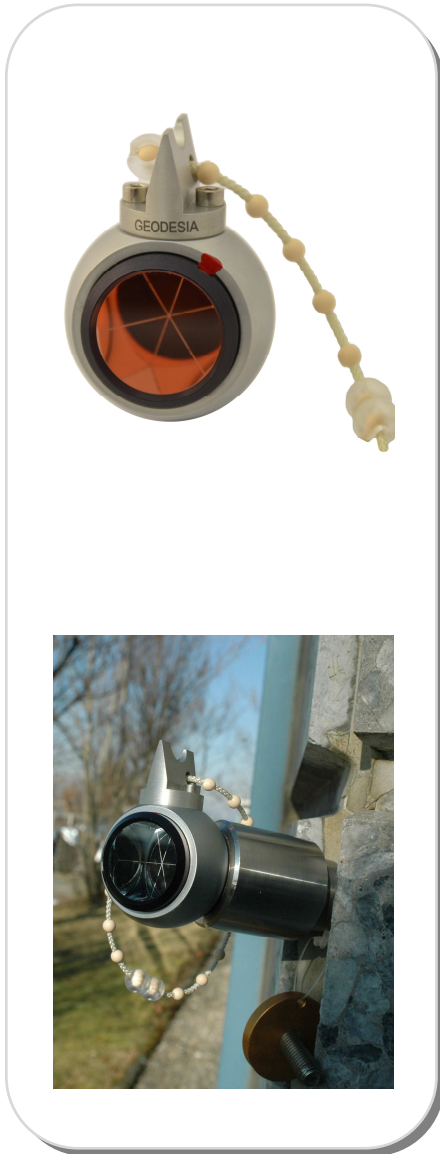


## SPAC40 ORIENTABLE PRISM SPHERE

*Reflector for optical measurements*



### PRINCIPLE

This model is an evolved version of the 1.840.900.055a sphere previously made by Géodésie Industrielle in Geneva. It is fully compatible with this former model, The improvements of this evolution are:

- Insertion of the prism in a waterproof anodized aluminum tube
- Addition of a viewfinder that simplifies the sphere orientation
- Hand strap for additional security of the sphere transportation and attachment

The **SPAC40** is used for either:

- An **IMC40** magnetic interface for the Géodésie **CG10** anchor
- An **IML40** magnetic interface for Leica carrier
- A circular magnet for coupling on metal structures
- A **CT40** conic head aluminum anchor, for forced centering on slabs

### APPLICATIONS

- High precision measurements on forced centering holders
- Topometric auscultation of engineering structures
- Industrial metrology

### ADVANTAGES

- Perfect centering for any orientation
- Fixed prism in a waterproof insert
- Interchangeable calibrated prism
- Very low precision loss within a +/-20gr orientation range
- Fast coupling with no ambiguity
- Small footprint

## SPECIFICATIONS

Technical Specifications	Accessories
<ul style="list-style-type: none"> <li>• Prism diameter: 25.4mm (measures up to 1000 m with TDA 5005 or TS30)</li> <li>• Measurements reproducibility <math>\pm 0.2\text{mm}</math> within a <math>\pm 20\text{gr}</math> orientation range</li> <li>• 40mm diameter chrome steel sphere</li> <li>• Leica tachometry addition constant +18.6mm</li> </ul>	<ul style="list-style-type: none"> <li>• Magnetic interface for <b>IMC40</b> anchor compatible with magnetic holder Géodésie Industrielle 1.840.900.160</li> <li>• Magnetic interface for the <b>SMP40</b> Leica carrier, compatible with the Géodésie Industrielle 1.840.900.162 magnetic holder</li> <li>• <b>CT40</b> conic head anchor</li> </ul>