

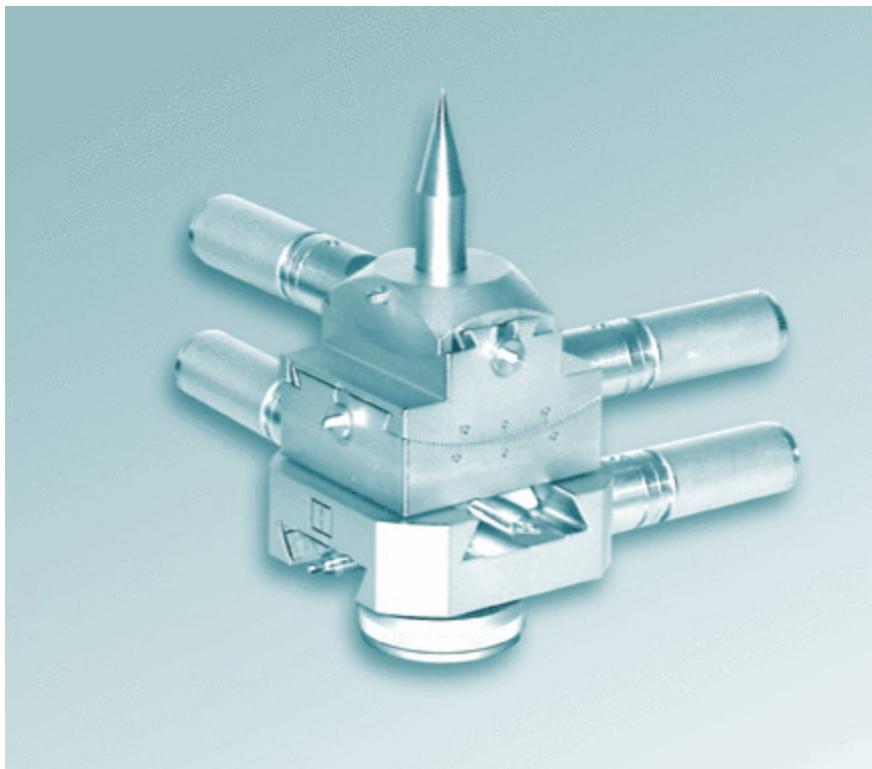
- [Home](#)
- [Company](#)
- [Extreme conditions](#)
- [Service](#)
- [Contact](#)
- [News](#)
- [Events](#)

[DE](#) | [EN](#)

Search

- [1. Positioning Devices](#)
- [2. Applications](#)
- [3. Control Systems](#)
- [4. Accessories](#)
- [4.1. Mechanics](#)
- [4.2. Beam](#)
- [4.3. Electronics](#)
- [4.4. Accessories](#)
- [4.5. Software](#)
- [Goniometer heads](#)
- [Head accessories](#)
- [Capillary Boy](#)
- [Reflection goniometer](#)
- [Manual versions](#)
- [Motorized versions](#)
- [Special versions](#)
- [1003-MS](#)
- [1003-MG](#)
- [1006-MS](#)
- [1006-MG](#)





- Specifications
- Dimensions
- Download

Goniometer Head 1003-MG

The Goniometer Head 1003-MG is driven by four DC motors.

Limit switches can be optionally equipped to limit the operational range.

It is possible to equip the goniometer head with encoders enabling a defined positional movement.

Adjustable axes:	X, Y, Ry, Rx
Range X [mm]:	+/- 11
Range Y [mm]:	+/- 11
Range Ry [°]:	+/- 18
Range Rx [°]:	+/- 18
Height [mm]:	107
Read-out accuracy [°]:	0.1
Max. load [N]:	50
Weight [kg]:	2.0

Accessories

Mounts 1055
1412
Controller SMC 9300

Technical data motor:

Type: Faulhaber 1516-012S
Voltage [V]: 12
Power [W]: 0.31
Resistance [Ohm]: 115
Gear box type: 15/5
Gear box Ratio: 1670:1
Insulation class: B

Included

- adjustment pin
- goniometer head key
- adhesive wax

Further versions:

- vacuum suitable
- radiation resistant

- [Imprint](#)
- [Sitemap](#)