



Goniometer Head 1006-MS

The Goniometer Head 1006-MS is driven by four step motors.

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

This unit is also available with other types of motors, there is a wide range of different versions. We would be happy to incorporate customer-specific alterations, if technically possible.

Adjustable axes:	X, Y, Ry, Rx
Range X [mm]:	+/- 10
Range Y [mm]:	+/- 10
Range Ry [°]:	+/- 28
Range Rx [°]:	+/- 28
Height [mm]:	70
Read-out Accuracy [°]:	0.1
Max. sample weight [N]:	5
Weight [kg]:	2.0
Resolution [µm]:	2.5
Resolution Rx ["]:	9.54
Resolution Ry ["]:	14.58

Technical data motor:

Type:	Phytron ZSS33
Number of phases:	2
Cable length [m]:	0.5
Connectors:	SUB D15
Number of steps/rev:	200/400
Rated Current [A/Phase]:	1.8
Holding torque [Nm]:	0.04
Insulation class:	F

Accessories:

Support:	1055
	1412
Control system:	SMC 9300

Included:

- adjustment pin
- goniometer head key
- adhesive wax
- 2x sample carrier

Further versions:

- vacuum suitable
- radiation resistant

