



## CLINOMETER ECS1000HBL

### Application

Portable electronic instrument of high precision for measuring of inclination and changing in inclination of structures. The placing of the measuring bolts is horizontal. For each measuring direction one pair of set bolts is needed.

### Description

The sensor is based on the pendulum characteristics of a mass disk, of which the movement is measured capacitively. This sensor is mounted on a carbon fibre bar of 1000 mm length which acts indifferent to temperature. The measuring points are spherical set bolts embedded in mortar. This setting device ensures a reliable reproducibility.

### Accessories

The measuring places can be equipped with two different pairs of set bolts:

### Measurement on floor

- Set bolt GAVOR, with thread
- Set bolt SEHOR, without thread
- Supporting device CLISO

### Measurement on wall

- Set bolt GEWIN, with thread
- Set bolt SEVER, without thread

For all set bolts protective caps in stainless steel are optionally available.

For a professional mounting of the set bolts the use of the template **TEBOL** is recommended.



Set bolt GEWIN

### Technical Data

Type	ECS1000HBL
Measuring base	1000 mm
Measuring range	±20 mm/m
Resolution	0.001 mm/m
Limits of error < 0.5 FS	max. 1% of measured value
Limits of error > 0.5 FS	max. 1% of (2 x measured value – 0.5 x FS)
Temperature error / °C	max. 0.1% FS
Display	within 3 sec
Power supply	2 x 1.5 V Alkaline type C (LR14)
Working temperature	0...+40 °C
Storage temperature	-20...+70 °C