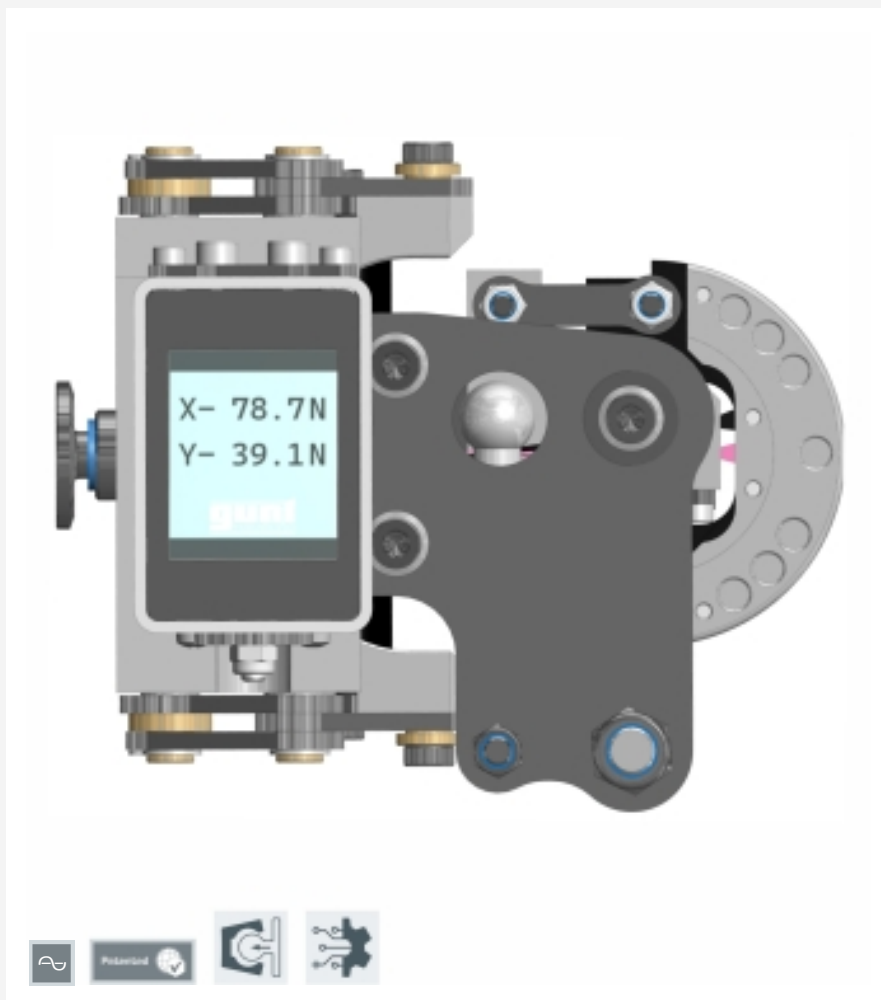


SE 200.21

MEC - Support



Specification

- [1] smart, communication-enabled component: support with electronic module for data acquisition and measured value display
- [2] node disk for articulated mounting of the various available accessories
- [3] can be installed horizontally or vertically by means of a click system
- [4] quick-release fastener for fast and safe installation in the SE 200 mounting frame, without cabling
- [5] automatic identification and assignment of the supports during setup and experimentation
- [6] measurement of the acting forces in x and y direction as well as angle measurement to determine the installation position
- [7] measured values displayed directly on the support and in the respective GUNT software

Technical data

Support

- installation positions in SE 200 MEC – Frame: 10
- connection positions for bars, etc.

Measuring ranges

- force: 2x 0...200N

LxWxH: 600x400x200mm (storage system)

Weight: approx. 5kg (total)

Description

- **smart, communication-enabled component with measurement of forces**
- **integrated angle measurement to determine the installation position**
- **Plug&Play: wireless and digital connection of components with automatic identification with position and alignment**

The construction of trusses and bridges requires a support that bears the dead weight of the structure as well as the additional loads.

The SE 200.21 support fulfils this function within the MEC Line series and can be used for various experiments in combination with other accessories. It is one of the smart, communication-enabled components. The support can be mounted horizontally or vertically in different positions in the SE 200 mounting frame.

The stainless steel mounting frame provides direct and wireless data transmission and power supply for the smart components.

The support is equipped with an electronic module. In experiments, the forces acting in the x and y directions are measured and displayed directly on the support and in the GUNT software as a measured value. An integrated angle measurement is used to determine the installation position.

The GUNT software identifies the position and location of the installed supports and reacts dynamically to changes. The visualisation in the software always corresponds to the actual experiment setup. The measured values are analysed in real time. The support is clearly laid out and well protected in a storage system.

Required for operation

Accessories from the GUNT MEC Line series

Scope of delivery

- 1 support
- 1 storage system with foam inlay

SE 200.21

MEC - Support

Required accessories

SE 200	MEC - Frame digital & smart
SE 200.01	MEC - Forces in trusses
or	
SE 200.02	MEC - Forces on a suspension bridge
or	
SE 200.05	MEC - Cable forces and pulley blocks