

MPF

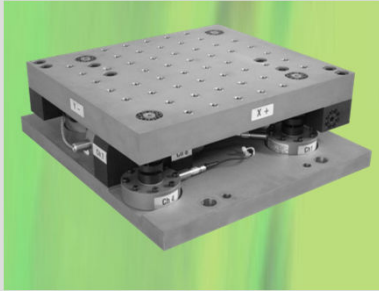
Multi-Component Transducers



Highest levels of flexibility and precision for multi-axis measurements

- Design adjustments according to customer demands
- For the highest accuracy requirements
- For static and dynamic loads
- Many years of experience
- Integrated mechanical decoupling
- With calibration certificate from our accredited multi-component calibration laboratory, on request





MPF Multi-Component Transducers

Properties and features

MPF multi-component measuring platforms contain several individual force transducers, which are aligned carefully and mechanically decoupled from each other. The number of transducers is based on the requirements of the application, and usually amounts to six, seven or eight transducers.

We build each measuring platform according to requirements. The MPF series is supplemented by the configurable MCMpro measuring amplifiers, as the amplifiers already contain all mathematical functions required for the special demands set by multi-component measuring technology.



Application areas

The MPF series can be used to solve extreme applications thanks to its high insensitivity against interference. Extreme conditions often result from the very different expectations relating to sensitivity and accuracy, such as those found in wind tunnel applications and rolling resistance test benches.

Thanks to the decoupled structure, the MPF series is also ideal for use as a reference unit in multi-component test benches.



Versions

In order to design a measuring platform, we need your specifications for the construction dimensions and the expected loads. These and other details are specified at the start of project planning and define the final version of the measuring platform.