

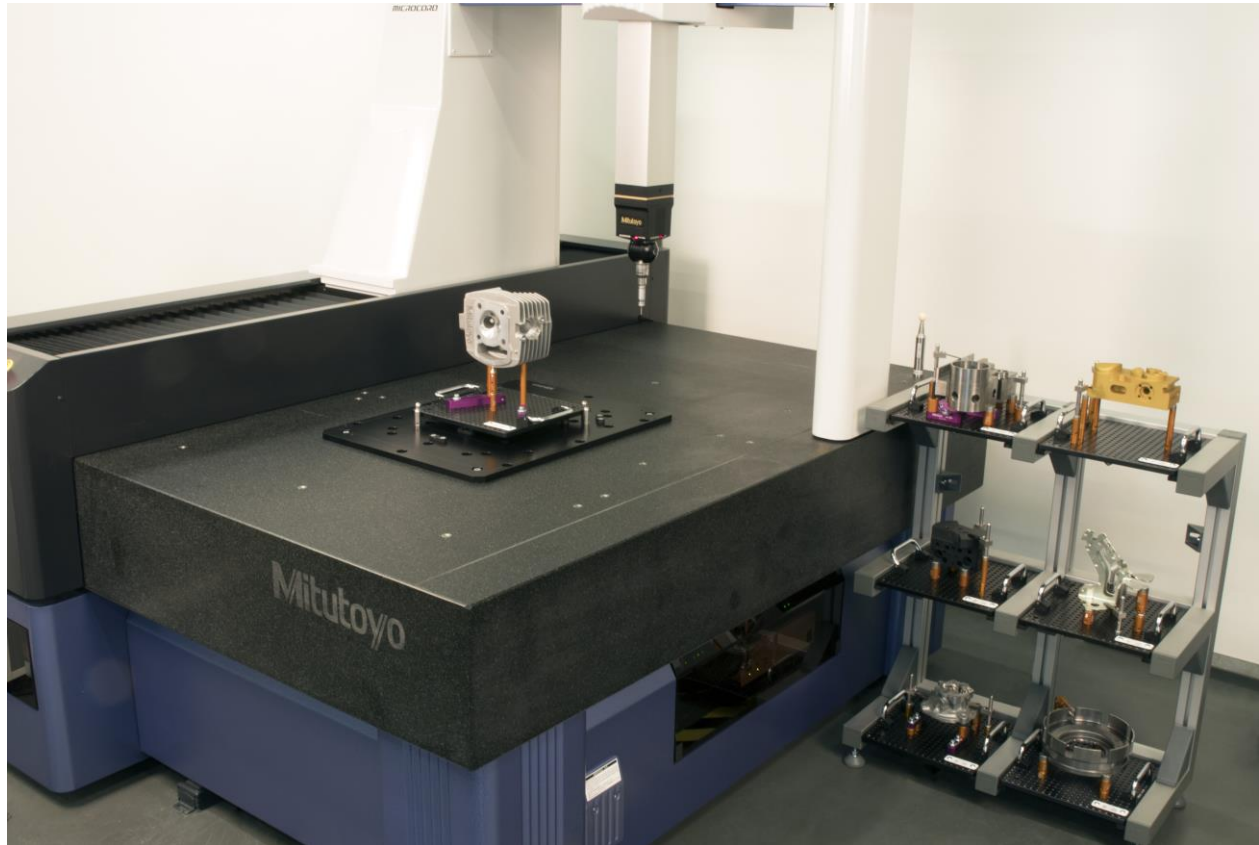


Ultra-quick repetitive measuring made easy: the advanced new Mitutoyo pallet receiver system

The sophisticated new Mitutoyo pallet receiver system significantly speeds up measuring on coordinate measuring machines as well as on form and vision measuring devices. Workpieces can be exchanged rapidly with the new system consisting of a pallet base plate with two handles and a fixturing.

Neuss, March 2018. Quality assurance staff of all branches has turned to Mitutoyo for decades when innovative solutions for enhancing measuring throughput were required. The latest novelty in the Japanese premium manufacturer's fixtures portfolio is an advanced pallet receiver system that not only speeds up repeatable measuring. Combined with a barcode, it is also capable of automatically starting the measuring program upon scanning with a hand scanner.

The pallet system comprises the tried and tested Mitutoyo eco-fix system, a base plate with two handles and three semi-spheres on the bottom. The latter help the measuring staff with quickly and precisely positioning the pallet on the receiver frame fixed to the measuring machine – in just one step. This way, fine-adjusting of the position is a thing of the past.



During the measuring process another workpiece can be positioned on a second pallet and placed on the machine when the first workpiece is finished. This not only guarantees very quick measurement and – as a consequence – a high workpiece throughput but also top process safety.

The new pallet receiver system even facilitates semi-automatic serial measurements if combined with a barcode that identifies the workpiece and starts the corresponding measurement program. This makes work for the measurement staff extremely easy: place the pallet onto the measuring machine and scan the barcode for initiating the measuring process. This renders long clicking through menus and folders for starting the measuring unnecessary.

For perfect tidiness in the measuring room and stowing away pallets that are currently not in use Mitutoyo offers a rack system that can hold up to six pallets, even when equipped with fixtures and workpieces.