



Mitutoyo Europe GmbH  
Borsigstraße 8-10  
D41469 Neuss

T +49 (0)2137 102-248  
F +49 (0)2137 8685  
media@mitutoyo.eu  
www.mitutoyo.eu

## Press information

### **Vastly enhanced efficiency: the motorised-stage Quick Image vision measuring system with stitching function**

The latest Quick Image version created a stir when launched in 2015. Its user-friendly one-click measurement capability is unequalled till today. Now MITUTOYO adds a variant featuring a motorised stage to the portfolio. The brand-new QIPAK software version 6.1 with an image stitching function facilitates wide-area measurement.

**Neuss, March 2017.** A ground-breakingly easy way of measurement was launched by the Japanese premium manufacturer of measuring instruments MITUTOYO in 2015: the new "Quick Image". With the user-friendly 2D vision measuring system for shop-floor use the need for highly trained measuring technicians is a thing of the past. One or more parts, which fit in the large field of view of the Quick Image, can be measured accurately and repeatably within seconds. With the QIPAK software it takes just a single mouse click to start automatic part recognition on the work stage, aligning and measurement of all features within the field of view.

The brand-new QIPAK release – version 6.1 – that comes with the Quick Image as a standard, incorporates a stitching function that enables wide-area measurement. For a workpieces that is larger than the field of view, several images are acquired while moving the stage. By stitching the images the software makes for a vastly enlarged area of inspection – in the same resolution that is applied for capturing the individual images. By using the automatic stitching function and a part program, the procedure from obtaining the whole image of a large workpiece to displaying measurement results can be executed by one mouse-click. This saves enormous amounts of time and – as a consequence – money. Predecessing versions without the stitching function can be updated to release 6.1 easily.

The customer additionally has the choice of a model with a motorised stage in the stage sizes (X x Y) 200 x 100 mm, 200 x 170 mm and 300 x 170 mm. The automatic stage movements additionally speed up measurements as well as the stitching procedure.

Owing to a unique double telecentric optical system with an enlargement factor of 0.2, Quick Image offers a comfortable 22 mm depth of focus. Stepped or cylindrical workpieces can be completely measured without the need for re-focusing. The light sources comprise a green transmitted light as well as a LED coaxial light and a segmented programmable LED ring light.