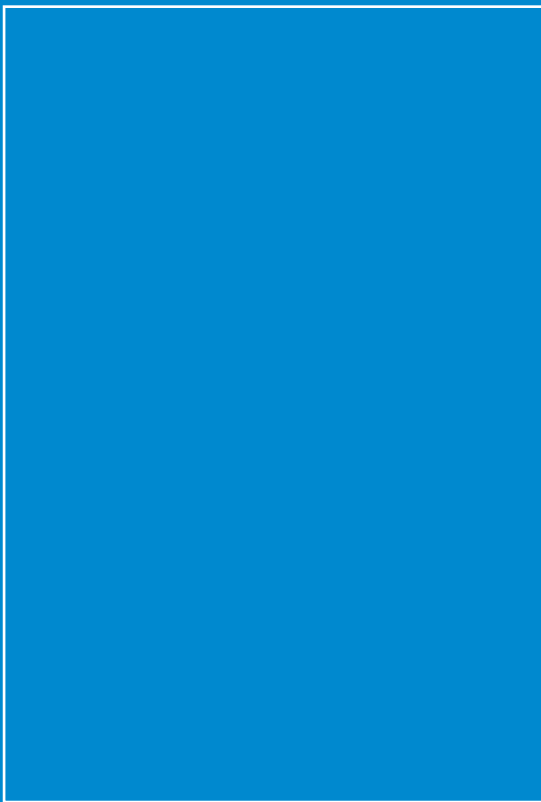


The 3D digitizing system COMET 5 now offers a new and innovative photogrammetric measuring method with its integrated marker projection. Thus, automated measurement procedures for large-scale objects (e.g., using a robot-controlled sensor) can be made even more efficient.

In contrast to conventional methods using external projection units, the marker projection is done directly by the COMET 5 measuring sensor. This allows a highly precise marker display and, thus, a high measuring accuracy. Independently from the positioning accuracy of a robot, the markers are measured by a calibrated CCD camera frame. A further benefit is the possible combination with other matching strategies when measuring other areas of the test part.



- Reference point matching without manually attached photogrammetry markers
- Marker projection by COMET 5 sensor
> no additional projection hardware needed!
- Calibrated camera frame for recognition of projected markers and for data matching
- Adjustable measuring volume
- Combination with other matching strategies
- Increased efficiency for automated measurement procedures