



# STEINBICHLER COMET<sup>®</sup> Automated

THE NEW INNOVATIVE SENSOR  
FOR AUTOMATED 3D DIGITIZING

Maximum efficiency and performance  
for your automated measurement  
processes in quality assurance  
with the new sensor  
COMET Automated!

## INNOVATIVE

COMET Automated uses innovative maintenance-free yet also cost-effective LED lighting technology with a long service life. The high light output generated by the LED pulse mode guarantees excellent measuring

results even in difficult ambient conditions. The sensor housing with Steinbichler's proven single-camera technology and the sensor structure specially designed for automation provide effortless access to difficult-to-reach points on single parts through to entire vehicles.

## SIMPLE

Equipped with two mounting flanges, COMET Automated can be integrated into all conventional robot systems and easily controlled with the STEINBICHLER VISIO 7 software irrespective of the area of use. The working distance, specially designed for automated, optical measurements, and the size of the measurement field make it quick and efficient to inspect components with the most diverse shapes and surface properties.

## FAST

3D data acquisition with the STEINBICHLER COMET Automated is particularly fast. The sensationally short measurement time and user-friendly software allow efficient measurements.

## PRECISE

Delivering excellent data quality and highly accurate results, COMET Automated is also ideal for demanding uses in the field of quality assurance. Intelligent positioning techniques and the photogrammetric camera optionally integrated into the sensor allow measurements on even extremely large objects.



# STEINBICHLER COMET<sup>®</sup> Automated

THE NEW INNOVATIVE SENSOR  
FOR AUTOMATED 3D DIGITIZING

## IMPRESSIVE PERFORMANCE

- High measurement speed
- Short working distance
- Large measurement volume
- Two positions for the robot flange,  
on the side, e.g. for measurements in vehicle interiors
- Connection to several robot types/manufacturers

## INNOVATIVE HIGH-END TECHNOLOGY

- High-end camera
- High point resolution
- Compact, robust housing
- Projector with extremely high light output
- High-end precision lenses
- Integrated photogrammetry camera with LED lighting (optional)
- Collision protection (optional)
- Combinable with hand-guided option for Kuka robots



## AREAS OF USE

Quality control / inspection

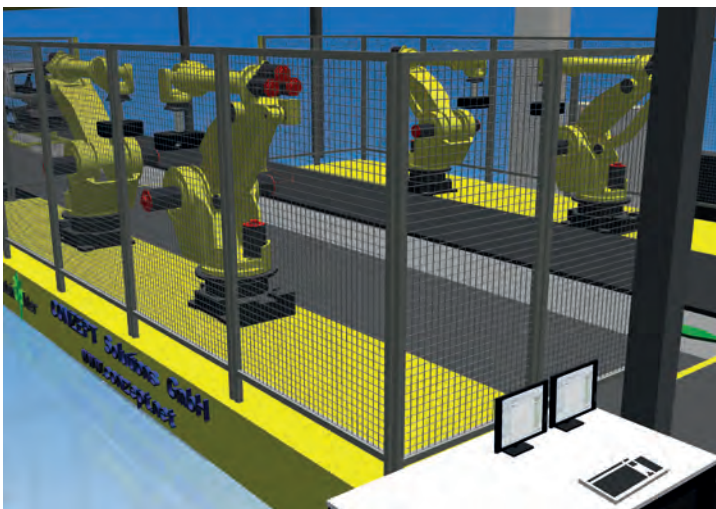
- Initial sampling
- Measurements during series production
- Production-related inspections

Tool and mould-making

- Current status determination at tool release

## TECHNICAL FEATURES

- 8 megapixel camera
- Measurement volume:  
600 mm x 450 mm x 400 mm
- Point resolution 180 µm
- Optional: integrated 16 megapixel  
photogrammetry camera



**steinbichler**  
INSPIRING  
INNOVATION

STEINBICHLER OPTOTECHNIK GmbH  
Georg-Wiesböck-Ring 12 • 83115 Neubuern • Germany  
Tel.: +49-8035-8704-0 • Fax: +49-8035-1010  
sales@steinbichler.de  
www.steinbichler.de

International Branch Offices:  
USA • BRAZIL • P.R. CHINA • INDIA  
FRANCE • PORTUGAL • UK • AUSTRIA • RUSSIA

© Steinbichler Optotechnik GmbH 11\_2012