

Steinbichler Vision Systems, Inc. USA  
46995 Five Mile Road, Plymouth, MI 48170  
phone +1-248-994-2204, fax +1-734-927-1549  
info@steinbichler-vision.com  
www.steinbichler-vision.com

Steinbichler do Brasil Ltda. BRAZIL  
Alameda Amazonas, 686, Lateral A  
Alphaville Empresarial, Barueri SP CEP 06454-070  
phone / fax +55-11-4195-4495  
info@steinbichler.com.br  
www.steinbichler.com.br

S&S Optotechnik (Beijing) Co., Ltd. P.R. CHINA  
No. 1217 Zhong Kun Plaza  
59 Gao Liang Qiao Byway, Haidian District  
100044 Beijing  
phone +86-10-8214-9808, fax +86-10-8214-9809  
info@steinbichler.cn  
www.steinbichler.cn

Steinbichler Vision Systems Pvt. Ltd. INDIA  
68, Chinnappa Garden Link Road  
Nandidurga Road, Jayamahal Extension  
Bangalore - 560046  
phone +91-80-409098-40/-38/-39, fax +91-80-40909842  
info@steinbichler.in  
www.steinbichler.in

Steinbichler Portugal Lda. PORTUGAL  
Edifício OPEN, Zona Industrial da Marinha Grande  
Rua da Bélgica Lte 18, 2431-901 Marinha Grande  
phone +351-244-570-010, fax +351-244-570-019  
info@steinbichler.pt  
www.steinbichler.pt

# COMET<sup>®</sup> 5 11M

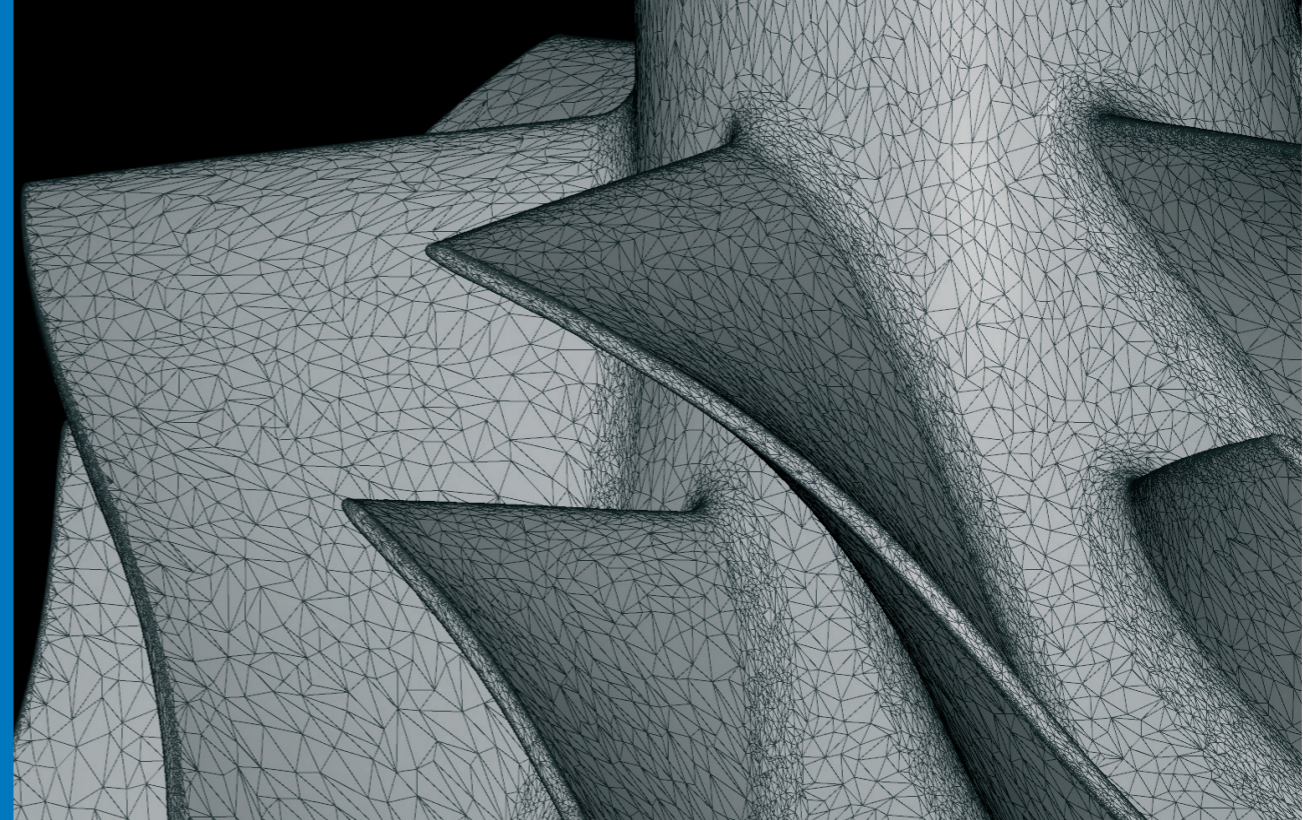
3D DIGITIZING - HIGH-END SENSOR



Steinbichler Optotechnik GmbH HEADQUARTERS  
Georg-Wiesböck-Ring 12, 83115 Neubeuern GERMANY  
phone +49-8035-8704-0, fax +49-8035-1010  
sales@steinbichler.de  
www.steinbichler.com





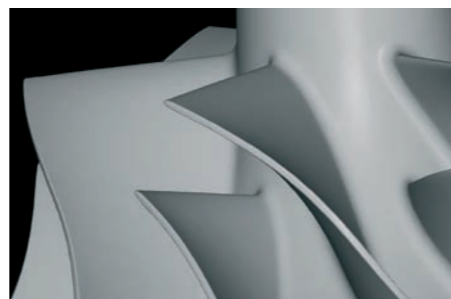


## COMET®5 11M 3D DIGITIZING - HIGH-END SENSOR

The highly innovative COMET 5 sensor design offers maximum flexibility and precision for the most challenging measuring tasks. Designed-in modularity enables fast and easy adaptation of the system to different measuring volumes (fields-of-view), always allowing the optimal configuration to be selected for the task at hand. The high-end 11M sensor model of COMET 5 featuring an 11 mega-pixel camera offers the highest resolution available for the digitization of even the smallest and finest details. This model is the ideal choice for digitization applications requiring very high detail and accuracy, such as quality control of aero-engine turbine blades etc. The high flexibility of the system lets the user select the optimal measuring mode for the digitization task at hand, selecting between maximum resolution and maximum scanning speed.

Even for the largest fields of view, the system features a very short working distance (stand-off distance between part and sensor). This is of particular advantage when operating in tight spaces as it simplifies the sensor handling, thereby saving process time. The operational compactness and the high data acquisition speed of the COMET 5 11M ensures a highly efficient measurement process.

- 11 mega-pixel camera resolution for highest level of detail
- utmost flexibility through selectable measuring modes: maximum resolution and maximum measuring speed
- excellent data quality and accuracy
- very fast
- a wide range of measuring volumes / fields-of-view available
- easy sensor handling



## TECHNICAL DATA

		COMET 5 11M
Camera Resolution		4016 × 2688
Field-of-View	80 150 350 600 1000	Measurement Volume: 75 × 50 × 50 mm Measurement Volume: 155 × 105 × 70 mm Measurement Volume: 345 × 230 × 200 mm Measurement Volume: 560 × 375 × 370 mm Measurement Volume: 900 × 600 × 600 mm
3D Point Distance in µm	80 / 150 / 350 / 600 / 1000	3D Point Distance 80: 18 µm / 150: 38 µm / 350: 85 µm 600: 140 µm / 1000: 225 µm
Field-of-View	80 150 350 600 1000	Working Distance/Stand-Off: 450 mm Working Distance/Stand-Off: 450 mm Working Distance/Stand-Off: 850 mm Working Distance/Stand-Off: 850 mm Working Distance/Stand-Off: 1400 mm
Fastest Measuring Time in Seconds		4 sec.
PC		HighEnd Workstation; 1 × Intel Xeon Quadcore, 24 GB DDR3-RAM Optional Upgrade: 1 × Intel Xeon Quadcore, up to 96 GB DDR3-RAM
Sensor Positioning		Tripod or sensor stand with motorized turn and tilt axis, robot
Automated Object Positioning		Rotation table, robot