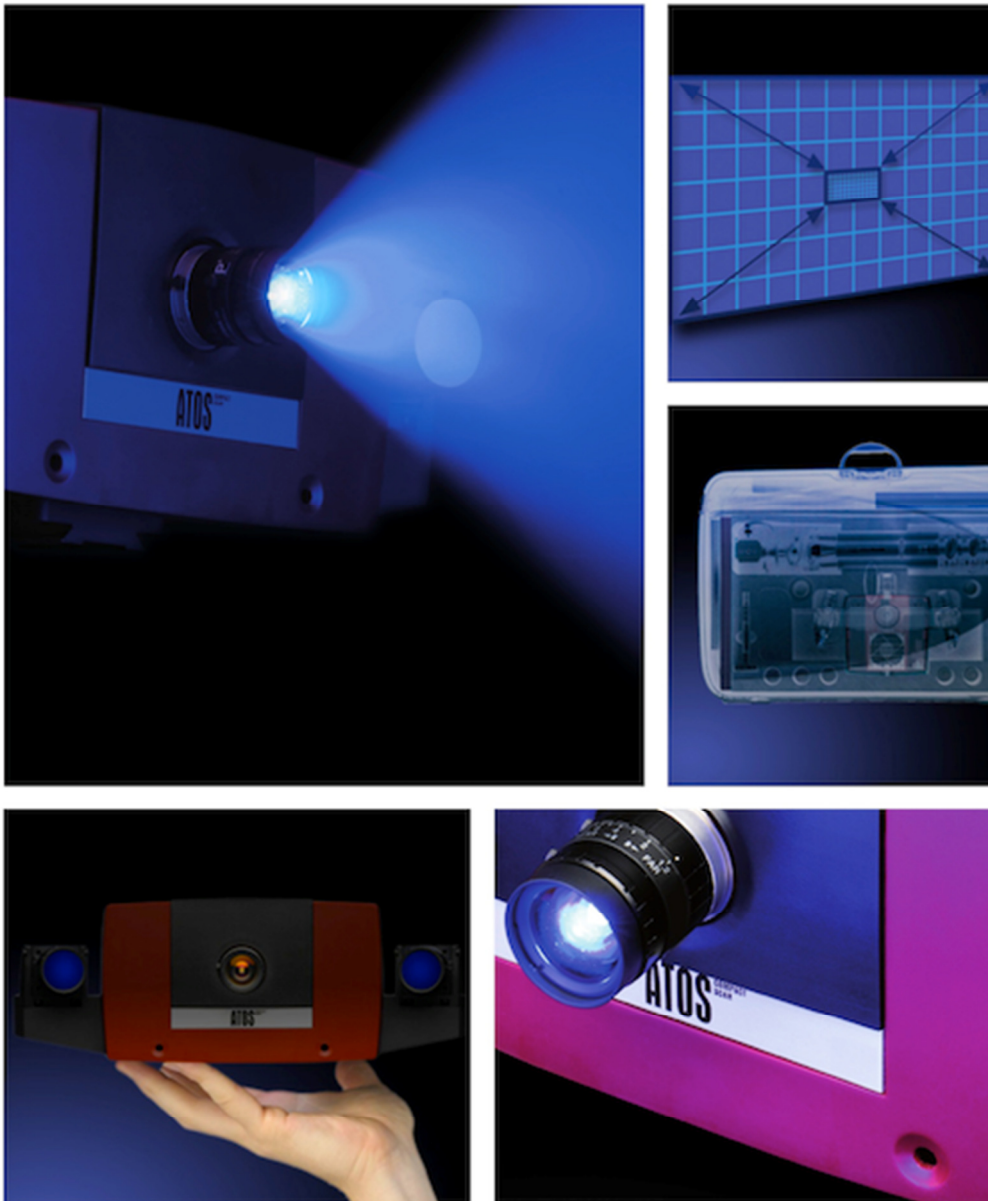


### ATOS Compact Scan Fact Sheet



The ATOS Compact Scan defines a new class of scanner for 3D measurement and inspection. The lightweight, compact construction opens new application areas and ensures ultimate adaptability for 3-dimensional measuring of components such as casted and injection moulded parts, forms and models, interiors, prototypes, design models,...

The advanced hardware is combined with completely integrated, powerful software for scanning and inspection, intensive hard- and software training and reliable worldwide support network to form a complete package at a competitive price.



### The ATOS Compact Scan delivers:

- Blue Light Technology
- Scan & Probe
- Scalable Field of View
- The Compact Class
- Portable Measuring System
- Complete Measuring System



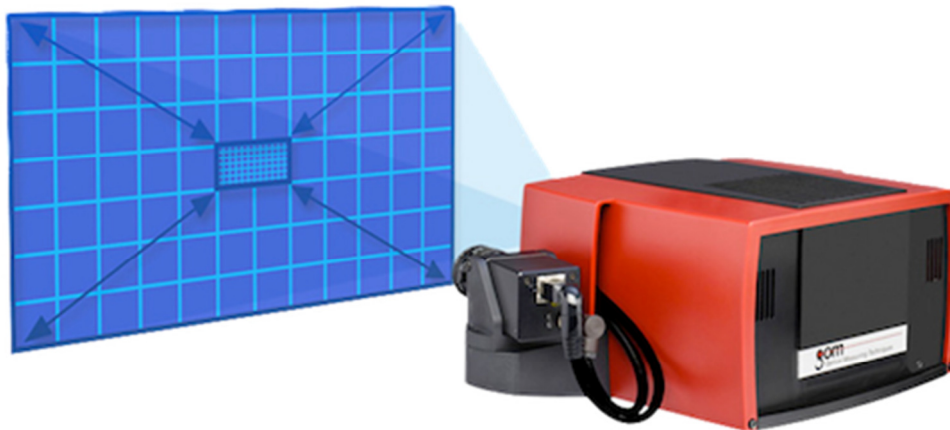
### Blue Light Technology

- Scanning independent of ambient light conditions
- Fast scanning for large components
- Advanced high-end technology, transferred from GOM's ATOS Triple Scan
- Low maintenance costs
- High-quality measurement data



### Scan & Probe

- GOM's industrial stereo camera technology
- Capture fine details, even for smallest parts with high resolution
- Combine full-field scanning and touch probe measurement
- Instant change between scanning and handheld probing



### Scalable Field of View

- Adaptable accuracy, detail resolution and speed
- Digitizing small to large parts with one sensor head
- Complete part analysis
- Measure large components up to tens of meters in size

### The Compact Class

- Simple measurement regardless of environment
- High-end components with stereo 2 or 5 megapixel cameras
- Complex measurement and inspection tasks
- New applications, e.g. measurements in narrow spaces, interiors etc.



### Portable Measuring

- Easy transport
- Lightweight sensor
- Portable, powerful image processing computer as standard
- System, tripod, measuring areas and manual rotation table in one case



### Complete Measuring System

- Complete "out-of-the-box" solution: Sensor, laptop, software, accessories
- ATOS stereo camera principle for high accuracy
- Includes measuring and inspection software
- Complete training and support

### Powered by ATOS + GOM Inspect - Powerful measuring and inspection software

The ATOS Software is a knowledge base – it guides the operator through the complete scanning procedure and provides support for setting up new measuring tasks using guided project creation.

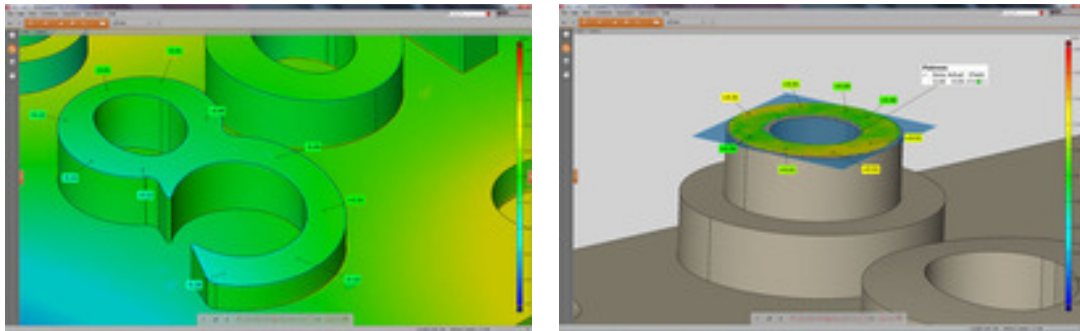
### ATOS - Powerful measuring software

The ATOS software is used to run the sensor head, to process the 3D point cloud and to edit and post-process the data. The simple graphical user interface helps support today's demanding tasks in quality control, manufacturing processes and reverse engineering.



### GOM Inspect - Free Inspection and Mesh Processing

GOM Inspect is the free result viewer; mesh processing and inspection software for dimensional analysis of ATOS data or 3D point clouds.



GOM Inspect is more than just a viewer. It also contains a complete set of tools for advanced mesh processing and evaluation.

This free software not only analyses ATOS data, but also 3D point clouds from laser scanners, CTs, and other white light scanners. Import, process, and evaluate in one free software package.

**Free result viewer**

Share ATOS results, further analyse data and easily discuss and detect problematic areas with colleagues, suppliers, and customers for effective collaboration to speed-up decision making processes.

**Technical Data**



**System Configurations**

	<b>ATOS Compact Scan 2M</b>	<b>ATOS Compact Scan 5M</b>
Camera Pixels	2 x 2 000 000	2 x 5 000 000
Measuring Area	35 x 30 - 1000 x 750 mm <sup>2</sup>	40 x 30 - 1200 x 900 mm <sup>2</sup>
Point Spacing	0.021 - 0.615 mm	0.017 - 0.481 mm
Working Distance	450 - 1200 mm	450 - 1200 mm
Sensor Dimensions	340 mm x 130 mm x 230 mm	
Weight	ca. 4 kg	
Sensor Controller	integrated	
Cable Length	up to 30m	
Sensor Positioning	lightweight tripod or sensor stand	
Part Positioning	manual or automatic rotation table	
Image Processing Computer	portable or desktop	
Operating System	Windows 7	
Software	data capture, processing and complete inspection	
Ambient lighting	low sensitivity to environment lighting conditions	
Environmental vibrations	unaffected due to GOMs dynamic referencing system	



**System Configurations**

**ATOS Compact Scan 2M    ATOS Compact Scan 5M**

Operating Temperature  
Power Supply

5 - 40°C, non-condensing  
90 - 230 V AV

**Application Notes**

Find out more about the practical use of the ATOS Compact Scan and view all ATOS application notes.