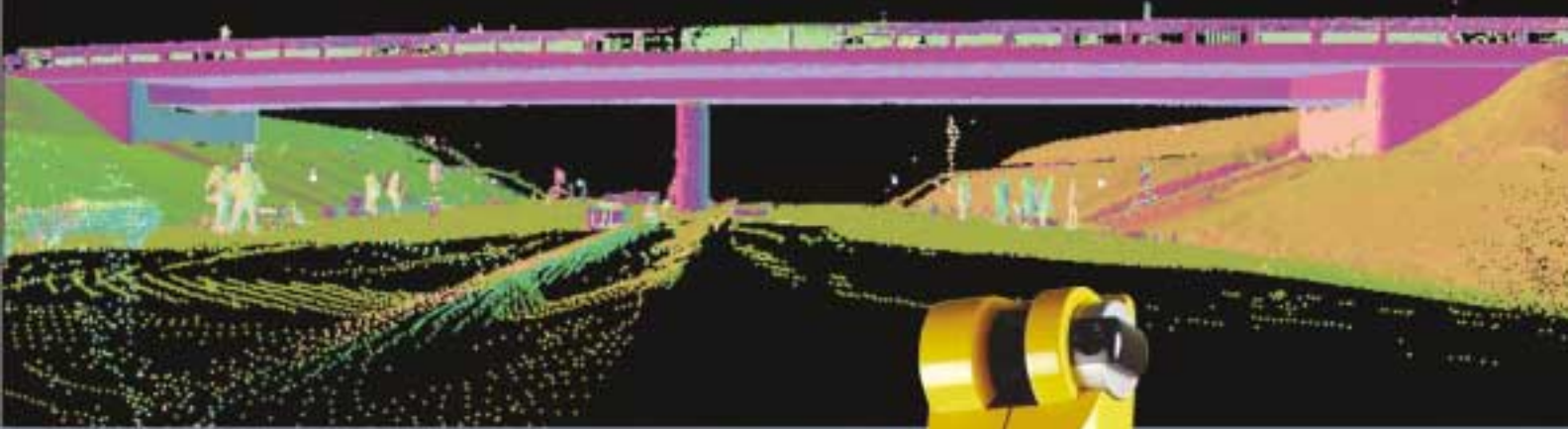


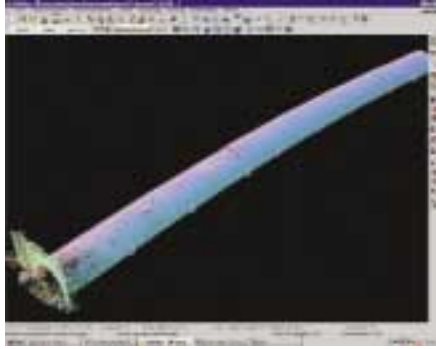
Callidus 3D Laser Scanner



A COMPLETE 3D SCANNING SOLUTION

- Fully Panoramic
- Rugged Construction
- Class 1 Laser
- Reliable
- Accurate

A Revolutionary New Surveying Tool



The Callidus® 3D Laser Scanner will revolutionize the way you make 3D measurements. This extraordinary new surveying tool provides unique advantages in a variety of applications: tunnel construction; tunnel maintenance; facilities management; construction monitoring; intricate building construction; maintenance of bridges and highways; and rapid archeological survey, among others.

The Callidus 3D Laser Scanner is integrated with the Trimble Toolbox™ of surveying solutions, making it easy to download and use data gathered by the laser scanner and by other Trimble surveying solutions. Data can be combined, analyzed and processed using Trimble's Terramodel® software.

Using a fully panoramic laser scanning system and video camera, the servo-driven Callidus 3D Laser Scanner combines data from a non-contact distance meter, angle sensors and tilt sensors to measure the coordinates of all points and surfaces within close proximity. The resulting point cloud, typically consisting of one million points, can be viewed and processed with the system's rugged field computer and easy-to-use Callidus 3D Extractor® software. The software is compatible with other Trimble software packages such as Terramodel, providing you with a complete Integrated Surveying™ solution.

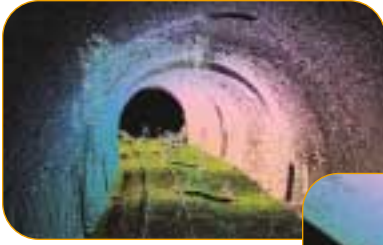
The Callidus 3D Laser Scanner covers an exceptionally full field of view, sweeping a complete 360 degrees horizontally and from ± 90 degrees to -60 degrees vertically. This means fewer setups and fewer scans than with other types of scanners. In addition, durable construction makes the laser scanner easy to transport without fear of breakage or loss of calibration.

The light source in the Callidus 3D Laser Scanner is safe as well as powerful, allowing you to use it in occupied buildings and other populated, public areas. It utilizes a pure, Class 1 laser so you are not constrained by the tight regulations that apply to the use of Class 2 or Class 3R lasers in public places.



Tunneling

Save time and money with the increased efficiency and superior data collection capabilities of the Callidus 3D Laser Scanner. Quantify extracted material, check the excavated shape against the design, or check existing structures for maintenance work and monitoring movement over time. Tunnel interiors can be covered quickly with an extremely high density of measurements. When used with tunneling software, design line profiles and sections can be created for any location, allowing an instant, comparative view of the “as-built” versus the design.



Construction

Construction companies, consulting engineers and specialist surveyors will appreciate the advantages of the Callidus 3D Laser Scanner in construction monitoring applications. Rapidly survey the walls and surfaces of buildings before, during and after construction to obtain an accurate record of any movement. Additionally, detailed surveys made prior to construction allow for a more accurate design and reduce rework. With its 360-degree coverage, the laser scanner can be positioned in narrow alleyways or small locations where it is impossible to use other scanners and surveying instruments.



Facilities Management

Regardless of the industry, fast and precise measurements are required in facilities management applications. The Callidus 3D Laser Scanner is ideal for use in large offices, factories and industrial plants. Whether it is to manage the existing space, position pipes, establish as-built dimensions or plan new additions, a survey done with a 3D Scanner includes panoramic pictures, saves time, provides a permanent record and means that critical decisions are based on facts. Typical facilities that benefit from the scanner's use include chemical plants, power stations, water works, gas works, factories and other industrial facilities that may have “clean conditions” rooms or contain contaminated areas.



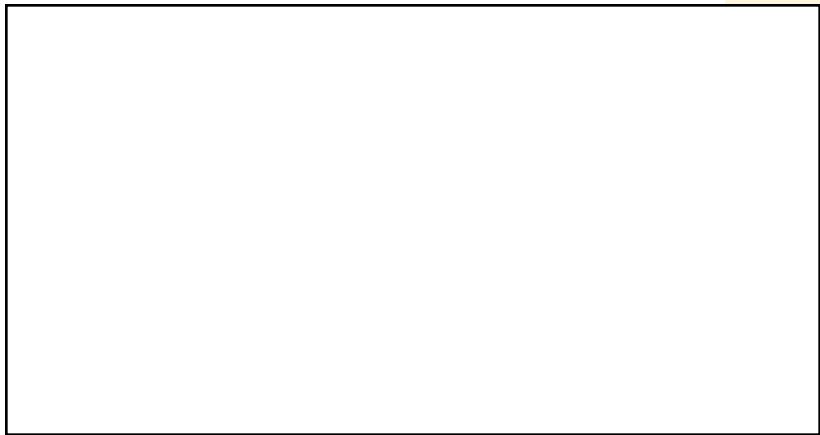
With panoramic coverage and no minimum distance restriction, the laser scanner is able to complete measurement in difficult conditions quickly, squeezing into spaces other instruments can't reach.

About Callidus

Callidus Precision Systems GmbH, founded in 1990, is located in the German Federal State of Saxony-Anhalt. Callidus is an award-winning developer of hardware and software for advanced automation, database processing, and the measurement sciences. With a background in complex informatics, Callidus is one of the pioneers of the 3D laser scanning surveying technique, and introduced the first fully panoramic 3D Laser Scanning system in 1999.



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YOUR LOCAL OFFICE OR REPRESENTATIVE

About Trimble

Trimble is a leading innovator and provider of advanced surveying instruments, technology and software. The Trimble Toolbox of highly Integrated Surveying instruments ensures seamless data flow between the field and office, and between GPS and robotic total stations and digital levels—offering dramatically increased levels of productivity, control and precision from concept to completion. To learn more about our Trimble Toolbox of Integrated Surveying systems visit us on the web at: www.trimble.com.

Trimble is partnering with Callidus to provide an integrated 3D laser scanning solution as a part of the Trimble Toolbox. The Callidus 3D Laser Scanner is available through Trimble's worldwide sales channel.



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