



Successful presentation at INTERGEO[®] 2007

highly accurate, fast, reliable and flexible

2007 has proved to be a very successful year for Zoller+Frohlich GmbH (Z+F). This comprehensive success was emphasised at this years INTERGEO in Leipzig.

At their stand Z+F celebrated, in common with their clients and potential clients, the first anniversary of their successful measurement system, the IMAGER 5006 along with the announcement of the IMAGER 5006EX.

About 16,000 visitors from more than 50 countries attended the leading exhibition for Geodesy, Geographic information and Land Survey. During all three exhibition days the Z+F stand was also very well attended.

The exhibition again made it obvious, in spite of the success of the IMAGER 5006, that Z+F has continued to develop and enhance the system. Some valuable attachments and improvements were presented at the INTERGEO. For example, the operation of the Scanner via w-LAN or various Camera options. The majority of visitors were interested in the motor driven Digital Camera attachment, allowing vertical rotation of the camera. This was a development of the original concept where it was only possible for the camera to rotate horizontally when attached to the Scanner. The coloured pictures from the camera now match the field of view of the IMAGER 5006. With the fusion of the coloured images from the camera and the 3D scan from the Scanner the operator now has available a completely coloured point cloud. As an alternative, the use of a full spherical camera (field of view:310°) was also shown. Here the centre of the camera is identical to that of the Scanner.

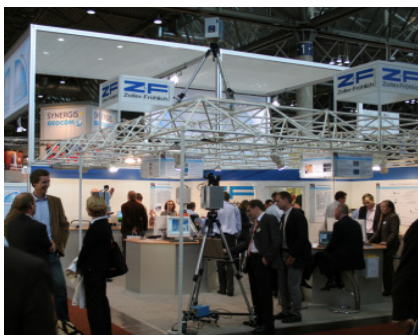


At the INTERGEO the IMAGER 5006EX was announced. The IMAGER 5006EX is an explosive proof laser scanner. With this new laser it is possible for the first time to implement 'safe-to-operate' 3D laser scanning in hazardous areas. The first prototypes will be produced in the first half of 2008.



Also introduced for the first time, was the PROFILER 5006, which is a version of the IMAGER 5006. The PROFILER 5006 is specific for the surveying of longitudinally extended environments, allowing the spatial measurement of scanned environmental profiles. This is done from a carrier vehicle perpendicular to the direction of motion, with high rotary frequency of up to 100Hz. This phase shift laser scanner is suitable for surveying where small differences between profiles is required along with high accuracy.

Furthermore, employees of both Z+F Germany and England presented together the latest developments in the Company's laser scanning software, LFM and Z+F Laser Control.



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