

The Zeiss Line of Photogrammetric Systems

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The 15th Congress of the International Society for Photogrammetry and Remote Sensing again offers not only interesting exchanges of technical ideas but also, thanks to the company exhibitions, a concise presentation of available products and services. Carl Zeiss, Oberkochen, has consistently extended and completed the new line of computer-supported photogrammetric systems introduced in Helsinki in 1976 and in Hamburg in 1980.

Today, Zeiss is the only company that can supply state-of-the-art and cost-effective equipment for a l l photogrammetric applications. Major examples are:

- The RMK aerial survey camera system which is still unrivaled in quality and ~~of~~ *flexibility* of control,
- Point transfer instruments (PM1) and monocomparators (PK1) which have set new standards in point transfer quality and measuring precision,
- The G3 Stereocord and its comprehensive application software, whose name has become a generic term for low-cost analytical stereoplotters for simple photogrammetric applications,
- The C100 Planicom family, the trend-setting analytical stereoplotting system and its steadily growing software library to which Planicom users have made significant contributions,
- Plug-compatible graphical output devices such as precision tracing tables, draft plotters and graphics CRT units,

- The SEG6 Rectifier and the Z2 Orthocomp, the leading instruments for the production of aerial mosaics and maps,
- Software integrating photogrammetric instruments in sophisticated turn-key systems also comprising "conventional" instruments such as analog plotters and comparators,
- Software for editing, processing and managing photogrammetric data inclusive of adjustment programs for aerotriangulation and programs for computing digital elevation models.

The overriding concern of all Zeiss development departments is to incorporate new ideas and technologies in new products as soon as the inherent risks can be controlled so as to provide the user with constant performance improvements.

This concept is the basis for today's innovations and will be the platform for our future efforts.