

ADAM Technology PROMAP

with optional ORTHO System 2

**ORTHO System 2 now available
for all ADAM PROMAP Systems**



The **ADAM PROMAP** with optional ADAM ORTHO System 2 is simply the easiest way for you to create accurate vector maps and high quality digital 'fully rectified' orthophotos, all with one cost-effective instrument.

- Still the most Cost-effective Vector Map Compilation System
- First Order Analytical Stereoplotter
- Proven and Robust Technology
- Compact, Ergonomic Desktop Operation

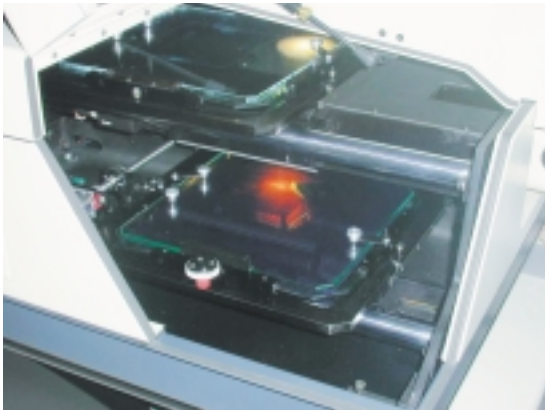


- Available with ORTHO System 2 option for:
 - Digital Orthophoto production
 - High Resolution Scanning from 8µm to 25µm pixel size
 - Complete operation in-house: Maintain Quality and Control of your work-flow

ADAM
PROMAP
ORTHO System 2

ADAM PROMAP with optional ORTHO System 2

With an analytical system like the ADAM PROMAP, you have the proven ability to digitise fine detail at greater accuracy than softcopy systems, directly from the highest resolution medium – the diapositive! Even with today's computers and disk systems, scanning images at the resolution required to observe that fine detail on a computer monitor is cumbersome and tedious. If you *do* need to scan images, however, the ADAM PROMAP with ORTHO System 2 is a photogrammetric scanner capable of scanning at 8µm resolution, more than enough for delivering the required data to other applications.



ADAM PROMAP System

The PROMAP uses a fixed Optics, moving Photostage design, creating a small, compact, and robust unit. The all-steel modular construction ensures maximum rigidity with assured stability. The ADAM PROMAP uses high-precision recirculating-ball Leadscrews with DC Servo Motors and Optical Rotary Encoders providing the quality and reliability that our customers demand.

ADAM Technology provides a choice of operator controls to suit any preference: Handwheels, Footdisks, Footswitches, a Mouse, or Joysticks in Control Panniers are all available. We can even provide an ergonomic workstation for the PROMAP together with a fully adjustable chair and Monitor Arm to complete the fully optioned system package.

Physical Specifications

Axis travel in X and Y:	250mm x 250mm
Kappa adjustment:	± 5° (both images)
Measuring System resolution:	0.5 µm
Grid measurement accuracy:	< 3.0 µm RMS
Common zoom optics magnification:	3.5x to 18x
Illuminated Floating Mark diameter:	15, 25, 40 or 80 µm
Field-of-view:	14mm to 50mm

PROMAP Electronics

ADAM Technology's proven on-board Electronics Control Unit (ECU) performs all computations and corrections without the need for multiple PC's, keyboards and screens.

Ergonomics

The PROMAP has bright zoom optics with the viewing angle set at the ergonomically optimal 30° downward angle.

Software

ADAM Technology's proven System Software Version 3.0 includes:

- Camera and lens distortion corrections.
- Atmospheric and earth curvature correction capabilities.
- Machine calibration.
- Interior and Exterior orientations, rigorous orientations for both aerial and terrestrial applications.
- Observation for data export to Aerotriangulation Software (e.g. Aerosys V3.0).
- Job Management.
- Interfaces to 3DD, AutoCAD, MicroStation, Kork, Atlas, etc.

ADAM TECHNOLOGY

HEAD OFFICE

ADAM Technology
Suite 3, 41 Belmont Avenue
Belmont, Western Australia 6104
Post: P.O. Box 283, Cloverdale, Western Australia 6985
Ph: + 61 8 9479 5575
Fax: + 61 8 9479 5585
Email: adam@adamtech.com.au
Web: www.adamtech.com.au

JAPAN

KAWASO Electric Industrial Co.
7-10 1-Chome
Nishi-honmachi Nishiku,
Osaka 550 JAPAN
Ph: + 81 6 535 1072
Fax: + 81 6 541 2364



Quality
Endorsed
Company

ISO 9002: 1994
LIC: QEC 2118