

ALTO™ COLOUR FILM RECORDER



AGFA 
The complete picture.

Technical specifications

Addressability

(horizontal / vertical resolution)

35mm module (3:2 aspect ratio):

2,048 x 1,366 pixels at 2K

4,096 x 2,732 pixels at 4K

8,192 x 5,464 pixels at 8K

120/220, 4x5", 8x10" module (4:3 aspect ratio):

2,048 x 1,536 pixels at 2K

4,096 x 3,072 pixels at 4K

8,192 x 6,144 pixels at 8K

16,384 x 12,288 pixels at 16K

Standard interfaces

IEEE 488-1978 (GPIB)

SCSI ANSI x3.131

LCD front panel user interface,

2 line x 16 character backlit

RS 232 (for status, remote diagnostics,
firmware upgrades and colour control)

Physical dimensions

Width: 38cm (15")

Height: 82.5cm (32.5")

Depth: 45.5cm (18")

Weight: 56.8kg (125 lbs)

Electrical requirements

110V±10%, 60Hz

220V±10%, 50Hz

Operational environment

Temperature: 10 to 40°C (50 to 104°F)

Relative humidity: 25% to 75% (non-condensing)

Output speed

30 seconds to record a 35mm slide at 4K

Rasterization time is dependent on image file,
workstation and camera module

Available output formats*

35mm 36 exposure cassette

35mm 750 exposure 100' pin-registered

35mm 6000 exposure 400' pin-registered cine

120/220 medium format roll film

4x5" film

8x10" film

Additional formats available from third party
manufacturers

Colour control

Agfa FotoFlow® colour correction software

Brightness and contrast adjustments

RGB highlight and shadow adjustments

RGB colour balance adjustment

Exposure

In 3 colours, red-green-blue

Up to 36 bits of colour data input

36 bit colour compensation (12 each for red,
green and blue)

Supported film types

AGFACHROME® RS 100 Plus Professional
(35mm, 120/220, 4x5", 8x10")

AGFACOLOR® Optima, 125 ASA (35mm,
120/220, 4x5", 8x10")

Kodak Ektachrome® 100 Professional
(35mm, 120/220, 4x5", 8x10")

Kodak Vericolor® III, Type S (35mm, 120/220,
4x5", 8x10")

Polaroid® 559 Print Film (4x5")

Additional film types can be supported
using colour controls

Compatibility

PC environment:

AT or 100% compatible 386/486 via MVP
Star-16™ rasterizer or direct driver software
that supports Agfa film recorders

Macintosh environment:

Macintosh SE/30, Macintosh II family or
Macintosh Quadra via Conductor™ software
or direct driver that supports Agfa film recorders

UNIX environment:

UNIX workstation via ChromaScript or
direct driver that supports Agfa film recorders

PostScript environment:

Workstation which generates colour
PostScript output via ChromaScript II with
software version 3.2 or newer

Optional VT-100 compatible terminal or
terminal emulator for Alto status, diagnostics,
firmware upgrades and colour control

All product specifications are subject to change
without notice.

Production Notes

This brochure was produced on an
Apple Macintosh. Original photographs
were taken on Agfachrome RS100
Professional film. All separations were
output using Agfa film on an Agfa
SelectSet 5000 PostScript Image recorder.

Design:

Jill Gorelick Graphic Design
Plainfield, NJ

Photography:

Burstein Goldman Photography
Hoboken, NJ

Computer Generated Images:

"Evidude", courtesy Time Arts, Artist:
Lance Jackson; "EA World", courtesy
Electronic Arts; "Sunflower field", ©1990
D.R. Fowler, J. Hanan, P. Prusinkiewicz
and N. Fuller; "Fractal Square", ©1992
P. Prusinkiewicz and M. Hammel;
"Clothes", "Ferrari Montage", "Pisa
Montage", and "Ghost Dancers",
courtesy Lukkian Foto & Design bv.

Scanning and Film Separations:

JCH Group Ltd., NYC

Printing:

Tanographics, NYC

AGFA, the AGFA rhombus, Agfachrome,
Agfacolor and Optima are registered
trademarks of Agfa-Gevaert AG. Alto is a
registered trademark and MVP Star-16
and Conductor are trademarks of Agfa
Division of Miles Inc. ChromaScript and
FotoFlow are registered trademarks of
Agfa-Gevaert N.V. Ektachrome and
VeriColor are registered trademarks of
Eastman Kodak Co. Polaroid is a regis-
tered trademark of Polaroid Corporation.
Macintosh is a registered trademark of
Apple Computer, Inc. IBM, XT, AT and
PC are registered trademarks of
International Business Machines
Corporation. PostScript is a registered
trademark of Adobe Systems, Inc.

The Agfa Alto is manufactured in the USA.

Printed in USA. (5007/TA)

© 1992 Miles Inc. All rights reserved.
NB885 N 01 199211

*Check with your authorized
Agfa representative for
availability dates on optional
film modules.



Professional Marketing Services, Inc.

4802 East Ray Road, Suite #2328

Phoenix, AZ 85044-6417

P: 480-940-5400 F: 480-940-5488

Email: pmsi@promarketinc.com

Web Site: www.promarketinc.com



The complete picture.

COLOUR IMAGING REACHES NEW HEIGHTS

Designed for the most critical users

In today's competitive market, graphics professionals are judged by the quality of their work. They want to produce their images on equipment which offers the ultimate in quality, colour fidelity and performance. When it's negative or reversal film that is required, what's needed is the top performing Agfa Alto colour film recorder.

In addition to providing exceptionally crisp, brilliant images with up to 16K addressability, the Alto has the ability to meet the most critical colour requirements for presentation graphic, photographic, scientific visualization, graphic arts and cinematography applications. To keep pace with the demands of high volume production, the Alto can image a 35mm frame at 4K in as little as 30 seconds.

Sophisticated colour and image controls

Accurate colour rendition, smooth gradations and rich, saturated colours make the difference between an average image and a superior image. With the Alto, you can fine tune all aspects of the film recorder's colour response to produce optimal film output. Whether you require boardroom quality slides, professional grade negatives for enlargement, motion picture footage or support for your favourite film type, the Alto gives you the power to make the choice which is best for you.

In addition, the Alto offers controls to customize the film recorder's image size, position and rotation to more precisely match your particular needs.

Unique optical system

The Alto features a unique sealed optical system which virtually eliminates the need to reshoot images due to dust on the CRT, a common problem with other film recorders. This system ensures that no dust settles on the CRT when changing camera modules.

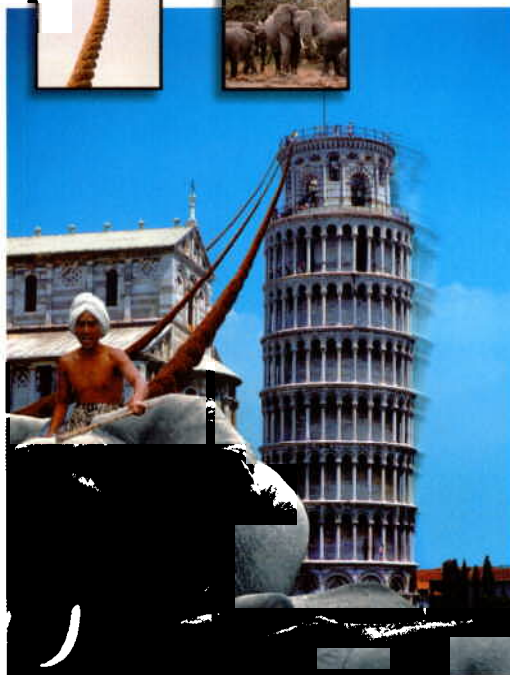


Designers who create artwork and models on their computers can now present concept proofs and final designs which have never been closer to reality.





By combining a personal computer with a colour scanner, photo-retouching software, and the Alto, you are able to create striking images more easily and at a lower cost.



Extremely versatile

The Alto offers the versatility to output from Macintosh, PC and UNIX workstations. It can easily image from a variety of software packages from any of these platforms. Customers requiring PostScript can connect the Alto to the Agfa ChromaScript, making it a genuine Adobe PostScript film recorder.

To meet the requirements of a variety of applications, the Alto offers a wide variety of film formats. For high volume slide production, add the pin-registered 35mm bulk camera module. For graphic arts and photographic applications, choose the high-quality 4x5" or 8x10" camera module or the 120/220 roll film camera module which eliminates the labor involved in imaging sheet film. Motion picture special effects houses can put computer-generated animation, morphing sequences, digitally composited images and other effects directly onto motion picture film with one of the cine film transports.



Computer-generated special effects have made a major impact on the motion picture industry. With the Alto and a cine transport, these special effects can be recorded directly onto motion picture film.

Easy to maintain, easy to upgrade

Enhancements and upgrades are a fact of life with today's computer-related products. The Alto is the first film recorder which allows you to download and permanently store new firmware from a diskette. Not only does this make upgrading quicker and easier, it saves the cost of a service call. Colour look-up tables for new film types and new film emulsions can also be downloaded via diskette. Furthermore, Alto provides a remote diagnostics capability to analyze problems and provide assistance directly over the telephone.

A film recorder with a future

The Agfa Alto offers the performance and quality you need to meet the demands you are faced with today. In addition, the Alto provides you with the versatility to become involved in new imaging applications which will allow your business to grow and prosper tomorrow.

