

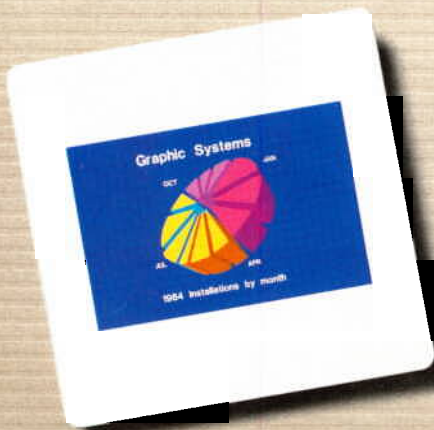


PCR[®] Film Recorder

The PCR Film Recorder puts high-quality 35mm slide production of computer-generated graphics right at the side of your desk.

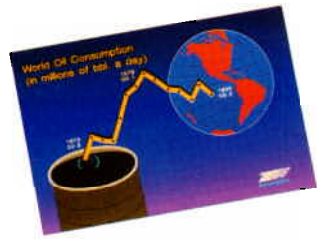
This cost-efficient film recorder is compatible with the popular graphics software for IBM[®] PCs

or 100% compatibles and Apple[®] Macintosh[™] computers. And it's ideally suited to the business environment where the utmost in quality output, data confidentiality and ease-of-operation is essential.



PCR Film Recorder

For high-quality, computer-generated slides quickly, easily and inexpensively.



Who can use it?

Just about anyone. The PCR saves time and money in a variety of environments – business, design, education, government and many more. And marketing and sales executives can make slides for meetings, training sessions, conferences and seminars.

What makes it better?

The quality of your presentation graphics says a lot about you and your ideas. A PCR transforms computer-generated charts and graphs into presentation quality slides right at your desk using your PC or Mac. You can create graphics with an almost limitless selection of colors and enhance your images with typeset quality fonts in a variety of sizes and styles.

- **High quality images.** The PCR generates film output at 4096 or 2048 addressable lines (software selectable) for clear, sharp quality images. As for colors, the PCR can produce virtually unlimited combinations from millions of possible colors.
- **Low per-slide cost.** Anyone who uses an outside service to produce 2 or more slide presentations a month is probably paying more than the monthly cost of bringing slide making in-house.
- **Consistent colors every time.** Stable and consistent performance is assured by microprocessor control of self-calibration to ensure color consistency, frame after frame; roll after roll. And automatic diagnostics speed problem analysis and minimize downtime.
- **Complete software and hardware compatibility.** The PCR is compatible with most MS-DOS* and Macintosh computer graphics software programs. It can be controlled directly with GPIB interface (IEEE 488), or it can be interfaced with the MATRIX MVP™ to off-load vector-to-raster processing from the host computer. But that's just the beginning. Add our MacHarmony™ interface and a single PCR can handle graphics from any MS-DOS based computer as well as most Apple Macintosh computers. And, if you create PostScript* files, you can get quality film output from the PCR using our Color PostScript RIP (raster image processor). All without any extra effort from you or your computer.
- **Beat the clock.** The PCR was designed to meet the demands of today's fast-paced business environment. Whether you need a slide for a presentation or for use in literature, the PCR can output virtually any graphic image you may encounter.
- **Easy to learn, easy to use.** The PCR requires only simple operator procedures. Film loading and exposure can take place in regular office lighting. Even film advance is automatic.

PCR Specifications

SOFTWARE COMPATIBILITY

Over 30 MS-DOS graphics packages

including:

AT&T Graphics Software Labs RIO and TOPAS, Ashton-Tate Draw Applause, BPS 35mm Express, Harvard Graphics, Lotus Freelance Plus, Micrografx Designer and GraphPlus, Software Clearing House Graphstation and Imagestation, Zenographics Mirage and Pixie

Macintosh graphics packages:

With the addition of the MATRIX MacHarmony interface.

PostScript* files:

With the addition of the AGFA* Color PostScript RIP.

INPUT

3 colors: red, green, blue
Bits/pixel: 24 (8 each for red, green, blue)

ADDRESSABILITY

(Horizontal x Vertical)
2048 x 1366 pixels or 4096 x 2732 pixels, software selectable

FILM FORMATS

35mm rolls, 36 frame maximum

SUPPORTED FILMS

35mm AGFACHROME RS 100
35mm Kodak™ Ektachrome™
Professional ASA 100
35mm Polaroid* Polachrome*
HC ASA 40



DATA INTERFACE

GPIB

POWER REQUIREMENTS

110 VAC ± 10%; 60 Hz; 1.5A
220 VAC ± 10%; 50 Hz; 1A

PHYSICAL CHARACTERISTICS

Length: 18 in. (46 cm.)
Width: 12 in. (31 cm.)
Height: 36 in. (92 cm.)
Weight: 42 lbs. (19 kg.)

ENVIRONMENT

Storage: 32° – 160°F (0° – 70°C)
Operating: 50° – 90°F (15° – 30°C)
Relative humidity: 35% to 75%,
non-condensing

Specifications subject to change without notice.

Images courtesy of (front) Pansophic Systems (Artwork); Mary Codd, Coddbarrett Associates (Dicomed D38C); Zenographics (Mirage); (back) Zenographics (Mirage).

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