

**GRAPHITI**

Information for the  
graphic arts industries 1983.



*Ultratec*

**Quality at the speed of light.**



## Kodak Ultratec product range offers quality of lith with rapid access speed

Kodak (Australasia) Pty. Ltd. has just introduced a new range of graphic arts products which represents a major breakthrough in pre-press photographic technology! The new range, officially announced by the Eastman Kodak Company at Graph Expo '83 in Chicago on September 12th, is called Kodak Ultratec™ products.

New Kodak Ultratec products will allow the printing industry to produce halftones and linework with the high quality of lith processing and the speed and ease of rapid access. Faster throughput, less inventory, fewer remakes, and no control strips are among the immediate benefits offered by this new technology.

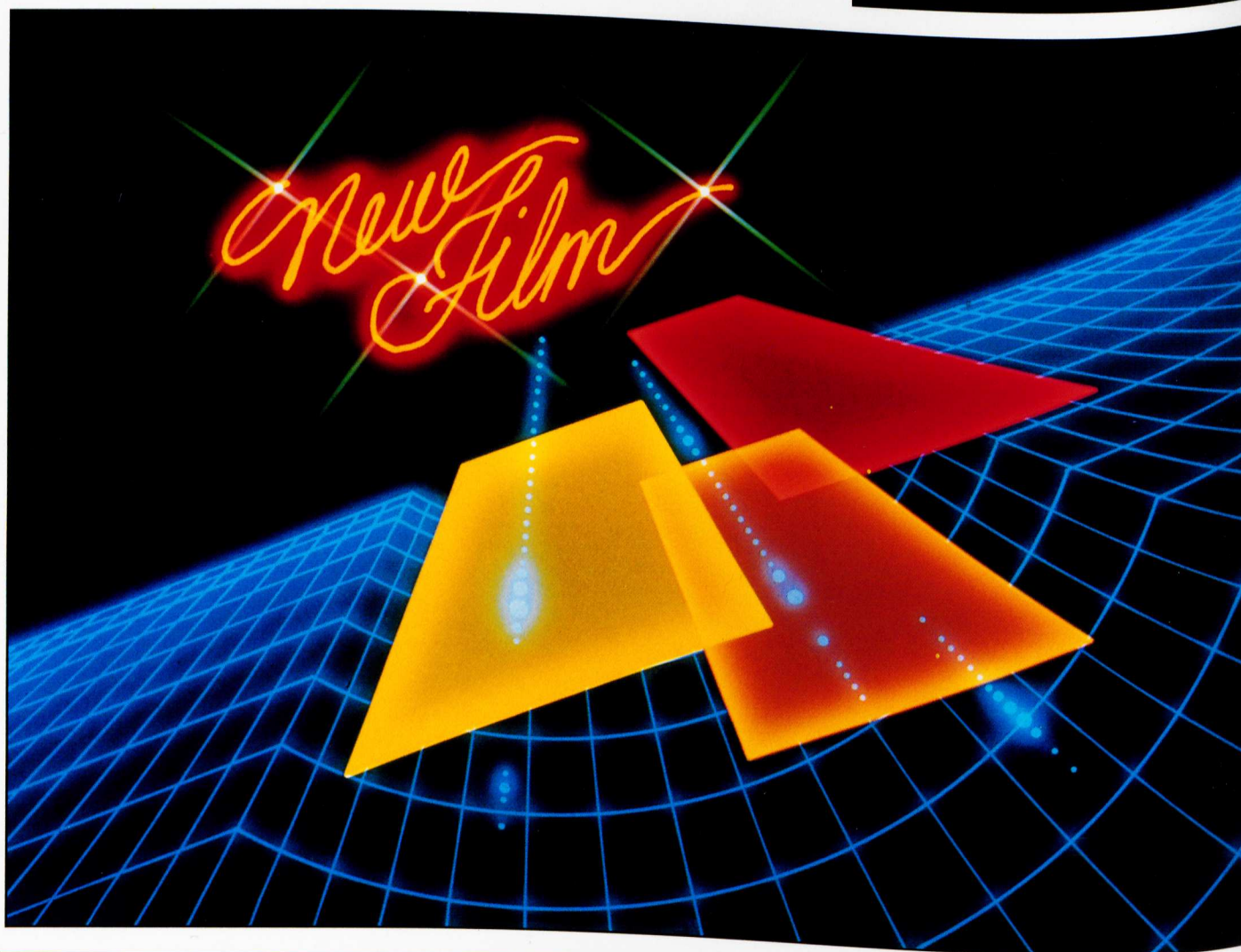
Kodak Ultratec technology has been developed as a direct response to industry needs. The printing industry is at a stage where speed and ease-of-product use are vital, and high quality is essential to remain competitive. Lith technology and rapid access have each offered different advantages. Kodak has now linked the key advantages of both technologies in the new, superior Ultratec range.

The Kodak Ultratec range of products includes films for halftone, line, duplicating and contacting work, together with a contacting paper, contact screens, and developer and fixer solutions for both replenished

processors and tray-processing applications. To complement this range of products, Kodak (Australasia) Pty. Ltd. has also introduced the new Kodamatic-65 processor, a fully electronic film processor designed to meet high volume production needs for a wide variety of photographic materials.

Ultratec products will be introduced to Australian users in November, and be fully available by early February. The major films and chemicals are scheduled for manufacturing by the Kodak plant at Coburg, Victoria.

Ultratec products will be in pricing similar to today's conventional Kodak graphic arts products. All of the new products will be available in standard sizes and quantities. ■



## Kodak Ultratec range of products: easy to use and fully compatible

The new Kodak Ultratec range of films, paper, screens and chemicals offers a simple, economical, easy-to-use method for producing consistently high quality halftones and linework. A major advance in pre-press photographic technology allows Ultratec products to be intermixed, and used with most rapid-access films and papers, in either deep tank or rapid access replenishable processors.

The principal benefit to users is the ability to perform nearly all pre-press photography with results that equal the quality of lith with the ease and speed of rapid access, yet do not have the problems which can occur in either processing method.

The Ultratec process is exceptionally stable which means that careful monitoring of the processor is not needed, and chemical speed and contrast remain stable even over shut-down periods. There is only one replenishment rate, regardless of the film type or exposure, being used.

### New film for both line and halftone work

For all linework and most halftone applications, Kodak have introduced Ultratec UGF film; a general purpose film with extremely high contrast, moderate speed and orthochromatic emulsion sensitivity.

When making halftones, this general purpose film can be used with the new Kodak Ultratec contact screen on a process camera, to produce halftone

negatives from either transparent or reflection copy. After exposure and processing in the highly stable Kodak Ultratec developer and replenisher or Kodak Ultratec tray developer, the halftone will display very hard, lith quality dots, even when a rapid access processor is being used. The emulsion is coated on a tough, dimensionally stable 0.004-inch (0.10mm) Estar base.

Two common defects in the halftone dot image are virtually eliminated. Drag or smearing of the dot edge, and adjacency, the halo-like fringe around the dot are absent, and the overall image tone is neutral.

Kodak Ultratec UGF film is ideal for the production of high quality line negatives. When line negatives are being made from either transparent or reflection copy on a process camera, a special anti-halation layer in the film allows practical exposures through the base.

After processing, the finished negative has extra-sharp lines, fine detail on serifs, and on other small, critical areas. Line edges are clearly defined and image areas are dense across their entire widths. Wide exposure latitude is therefore available for platemaking or contacting operations.

Kodak Ultratec UGF film can be handled under a Kodak 1A safelight (red). Pulsed xenon arc, tungsten, or quartz-iodine light sources are suitable for use with the new general purpose film. ➔

