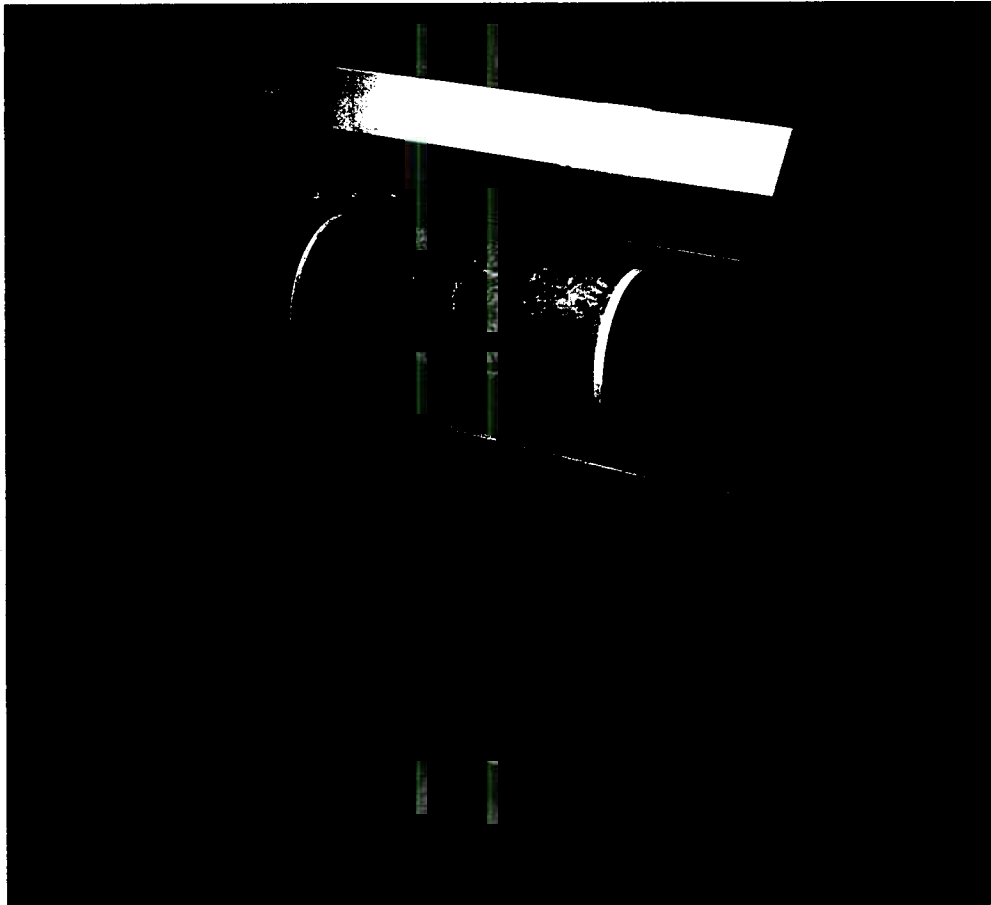


IRIS 3047

IRIS
a scitex company

*High-resolution,
large-format color printer*



*Provides richly detailed digital prints with unsurpassed color
And offers the versatility of multiple substrates and ink sets*

Offering a full 34 x 46.8-inch image area (864 x 1189 mm), the IRIS 3047 printer produces continuous-tone color on a range of substrates: matte, semimatte, and glossy stocks, newsprint, translucent and transparent materials, coated fabrics, and archival watercolor paper. That versatility enables the IRIS 3047 to achieve a full spectrum of stylistic effects, from photo-realistic to artistic. ❖ Using patented continuous inkjet technology, the 3047 precisely forms images out of variable-size dots. That process places more image data per pixel, producing an ultra-fine tonal gradation and revealing subtle details that exceed the scope of other printers. ❖ It operates in Macintosh®, Windows®, Unix™, or multi-platform networked environments and supports all graphic file formats, including PostScript™ Level II. Moreover, IRIS Graphics provides custom front-end software, IRIS IQ, for controlling your printer's color calibration and other functions, such as scaling, rotation, and image placement. ❖ The IRIS 3047 printer meets exacting standards of quality and efficiency. In a single pass, it can

step-and-repeat 16 letter-size pages, gang-print multiple files, or run a single oversize image. The 3047 printer also features: the largest color gamut of any digital printer; an apparent resolution up to 1800 dpi (12 pixels/mm); and low-cost, nontoxic consumables that promote a rapid return on investment, often in six months or less. ❖ Worldwide, imaging professionals rely on the IRIS 3047 printer for unsurpassed large-format hardcopy of their color image files. In design, visualization, and image-analysis environments across a spectrum of industries, it produces color prints that accurately display the smallest details of computer-processed or computer-originated images. ❖ Field-proven in the most demanding, imaging-intensive applications, the IRIS 3047 printer is the ultimate combination of image size, color fidelity, versatility, and value.

OPEN TO A WORLD OF COLOR


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TECHNOLOGY SPECIFICATIONS

Printing technology: IRIS 3000 Series
continuous variable-dot-size inkjet

Inkjets: Four crystal-stimulated, glass capillaries; one per process
color: cyan, magenta, yellow, black

Ink pumps: Single piston-type, stepper motor-activated, flow
controlled to within 1% of optimum flow rate

Inks: IRIS-approved, water-soluble, nontoxic dyes in four process
colors, packaged in disposable bottles

OPERATIONAL SPECIFICATIONS

Resolutions: Horizontal and vertical addressable resolutions of 200,
240, and 300 dots per inch and 8,10, and 12 pixels/mm. Factory
installed as English or metric

Gray levels: Up to 512 possible gray levels using 4 x 4 pixel IRIS
color look-up table (CLT) capability

Drum speeds: 16 software-selectable drum speeds ranging from 100
to 250 inches per second in increments of 20 ips.

Paper size: Variable, up to a maximum of 34 x 46.8 in.
(864 x 1189 mm)

Active image area: Width: 34 in.; Length: 46.8 in.
(864 x 1189 mm)

Print Speed: At 300 dpi and optimum drum speed,
the IRIS 3047 can produce four 8.5 x 11-in. images in 11 minutes;
16 letter-size images in 45 minutes.

Media types: Glossy, matte, semimatte papers, newsprint, coated
acetate, IRIS Translite, watercolor paper, coated fabric, or virtually any
flexible, water-accepting medium less than 10 mils thick. Some media,
not supplied by IRIS Graphics, may not provide color accuracy.

System controls: 40-character alpha-numeric display for printing
status, diagnostics, and system maintenance. Two-button keypad for
function and option selections. Switches for power and print start.

Interfaces: Mechanical and electrical; Versatec "Green Sheet" parallel
interface. Logical; fully documented IRIS-defined protocol composed
of command and data records.

PHYSICAL SPECIFICATIONS

Dimensions (H x W x D): 42 in. x 60 in. x 30 in.
(107 cm x 152 cm x 76 cm)

Weight: 600 lbs. (272 kg) approx.

Power requirements: 100/120/220/240V, 50/60Hz, 800 W max.

Temperature/Humidity range: 65-80 F (18-27 C); 40-80% RH

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