

D I G I T A L P R I N T I N G

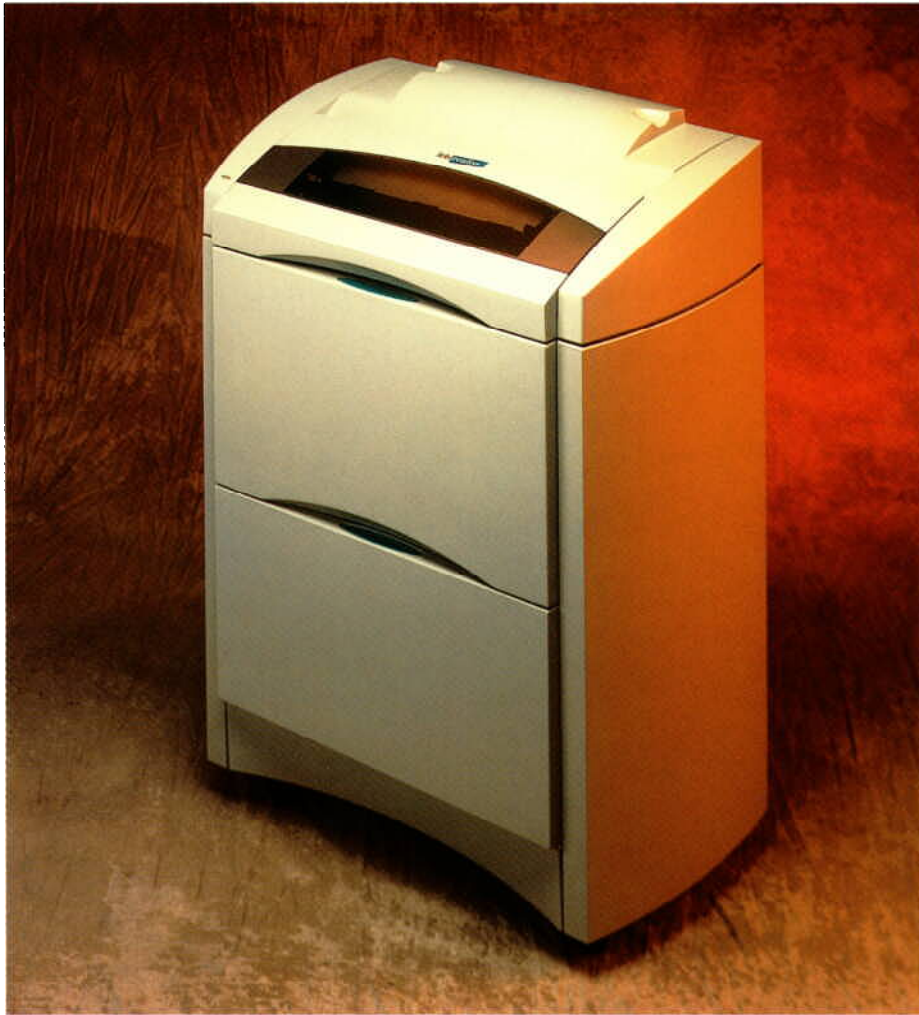
IRIS REALIST 5015 & 5030

The best solution for digital proofing



*The ultimate proof:
results match all expectations*

IRIS REALIST 5015 & 5030



Iris Realist 5015 automatically outputs full-color proofs up to 21 x 14 inches

Two automatic color printers, the *Iris Realist 5015*[™] and *Iris Realist 5030*[™], offer hands-free operation of large formats with optimum reliability, exceptional versatility, and unprecedented value. The *Iris Realist* printers incorporate the same core printing technology that has made Iris printers the standard for inexpensive, press-quality proofs in high-end and desktop environments. ♦ The *Iris Realist 5015* printer outputs proofs up to 21 x 14 inches, which fit a two-page spread with bleeds. The *Iris Realist 5030* printer has a proof area of 21 x 28 inches and outputs four letter-size pages with bleeds. ♦ Additional features that promote productivity are ease-of-use and minimal operating maintenance. Each model offers

full automation and a convenient manual paper feed. This means the unattended printer can complete queued jobs on any Iris-approved paper. Alternatively, you can manually feed special-purpose substrates such as newsprint, watercolor paper, transparent and translucent substrates, and several fabrics. Self-cleaning and self-calibrating, the *Iris Realist* printers minimize routine operator intervention, further promoting uninterrupted workflow. ♦ The *Iris Realist 5015* and *Iris Realist 5030* printers produce a virtual continuous tone by precisely varying the size of the dots that form the image, a process that accurately simulates an 1800 dpi halftone. The resulting press-quality resolution, combined



Iris Realist 5030 automatically outputs full-color proofs up to 21 x 28 inches

with 512 gray levels, pinpoint registration, image repeatability, and the largest digital color gamut, explains why Iris prints are widely accepted as direct digital color proofs. ♦ The printers also offer unparalleled versatility. Compatible with all color computer systems, they accept popular graphic arts file formats, including Adobe PostScript™ level II. Since they support many substrates and ink sets, the printers can produce an unlimited variety of stylistic effects, from photorealistic to artistic. ♦ Whatever your application – digital color proofs, design comps, packaging, presentations, backlit or reflective

signage, fine art or photographic printing – *Iris Realist* printers provide an efficient, high-quality solution. At 300 dpi, the *Iris Realist 5015* prints a full 21 x 14-inch proof in 12 minutes; the *Iris Realist 5030* prints a 21 x 28-inch proof in only 22 minutes. ♦ The *Iris Realist* printers assure a rapid return on your investment. Since Iris consumables are inexpensive, a printed image costs much less than proofs based on film or digital devices using other technologies. To further minimize operating costs and maximize up-time, you can easily self-service the printers when necessary.

TECHNOLOGY

Design: Continuous, variable-dot-sized inkjet

Ink System

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

Pumps: Four (one per color) single piston-type, stepper motor-activated, flow controlled to 1% of optimum flow rate

Inks: Iris-approved, water-soluble, nontoxic dyes in four, graphics-oriented, process colours, packaged in disposable bottles; other ink sets are available for non-proofing applications

Computer: Intel™ 80386SX CPU, 8 Mb RAM, embedded software on diskette

IMAGING

Resolution: Horizontal and vertical addressable resolutions of 200, 240, and 300 dpi

Area

Iris Realist 5015: 21 × 14 in.

Iris Realist 5030: 21 × 28 in.

Calibration: Automatic, for proper imaging and convergence

MEDIA

Size

Iris Realist 5015: 22 × 15 in.

Iris Realist 5030: 22 × 30 in

Media types: Iris-approved, including glossy, matte, semi-matte papers, transparent and translucent substrates, coated cotton; other flexible, water-accepting substrates less than 10 mil thick may be used but results may not be optimum

Loading

Standard media: Fully automatic cut-sheet paper feed from a reloadable, 25-sheet capacity cassette

Non-standard media: Full or partially manual

Unloading

Standard media: Automatic ejection, image side up, into a 25-sheet capacity tray

Non-standard media: Full or partially manual

OPERATION

System controls: Graphical user interface in windows on host computer, with menus and pull-down list for maintenance procedures

Cleaning: Automatic, ultrasonic cleaning of print head under normal operating conditions

Print options:

Density and contrast adjustments for global color control

Three printing matrices that change the image screen

Two to eight times pixel replication for enlarging images

Automatic repeat of one image around the printer drum

Mirror imaging

Multiple strike for increased image density with multiple passes

Single color printing

Interfaces

Single-ended SCSI with protocol that is a superset of ANSI IT8.4 Serial, RS-232C, 9-pin DTE port, 300-19.2K baud (for service access and remote troubleshooting)

ELECTRICAL REQUIREMENTS

90-230 Vac ±10%, single phase, 47-63 Hz, 400 W nominal
700W surge

PHYSICAL CHARACTERISTICS

Size (HxWxD)

Iris Realist 5015: 42.5 × 29.3 × 27 in.

Iris Realist 5030: 42.5 × 44.8 × 27 in.

Weight

Iris Realist 5015: 245 lb

Iris Realist 5030: 314 lb

ENVIRONMENT

Temperature: 16-29°C

Relative humidity: 20-70%, non-condensing

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