



Aurora



A NATURAL
PHENOMENON
IN DIGITAL
COMPUTER-TO-PLATE
IMAGING

Propelled by the changing solar winds through the Earth's magnetic field, electrically-charged particles produce the colorful streams and arcs of the Aurora Borealis.

At Optronics the winds of technological change have produced Auroras of a different kind — creating, in the world of digital platesetting, an atmosphere charged with excitement.

The Aurora family of PlateSetters represents a whole new generation of reliable, high-performance, computer-to-plate color imaging systems. Each delivers more advanced, innovative features, unparalleled application flexibility, color imaging of exceptional quality, and affordable value. Combined they offer you the opportunity to choose from a wider selection of high-productivity, profit-enhancing options that will meet your unique digital platesetting requirements, and help you compete more effectively.

The new PlateSetter Auroras let you reproduce images of such vivid color and extraordinary detail that each one - like the beauty of the Northern Lights - is a truly natural phenomenon.



Specifications

PlateSetter Aurora Electra semi-automated system

High precision pinned external drum with Stoesser pins
 Maximum plate size of 745 mm x 900 mm (29.33"x35.43")
 Images 2, 4, & 6 up 30" plates with film option
 IntelliDot II irrational and rational screening
 Argon-Ion laser
 Overall repeatability of ± 0.0002 inches
 Resolutions from 1000-4000 dots per inch

Physical Dimensions

79" wide x 48" deep x 50" high — 2200 lbs
 (201 cm wide x 122 cm deep x 130 cm high) — 990 kg

Workflow RIP Server

Harlequin PostScript Level 2 RIP
 Full proofing support

- Soft Proof (output to monitor)
- Imposition Proof (36" wide plain paper)
- Color Proof (IntelliProof)

 Queue Management Software
 5.2 Gb hard disk
 64 Mb of memory
 Full Ethernet support



PlateSetter Aurora Lightning

- 16 laser beams
- Two to four times the imaging speed of a standard Optronics Aurora



Why simulate when you can replicate.™



Specifications

PlateSetter Aurora semi-automated system

High precision pinned external drum with Stoesser pins
 Maximum plate size of 1130 mm x 900 mm (44.5"x35.43")
 IntelliDot II irrational and rational screening
 Argon-Ion laser
 Overall repeatability of ± 0.0002 inches
 Resolutions from 1000-4000 dots per inch

Physical Dimensions

79" wide x 48" deep x 50" high — 2200 lbs
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Options

Thermal Imaging System
 Optronics Impression Stochastic Screening
 Additional memory, Additional disk drives
 Hardware screening accelerator
 Removal "hot" drives and enclosures
 Near-line storage for fast plate remakes
 DDES/CEPs interface software, Ink key generation
 ScenicSoft Preps Imposition software
 OPI software, FDDI support
 Optronics SpeedScreen
 Optronics Common Resolution Workflow

About Optronics

Optronics International Corporation, located in the Boston suburb of Chelmsford, Massachusetts, USA, is a leader in precision imaging technology for over 28 years. Optronics International manufactures a wide range of products, including scanners and computer-to-plate systems, plus hardware and software options serving the professional printing and publishing industry.



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