

WIDE-FORMAT THERMAL IMAGESETTERS OYO LIBERATOR™ XE

FILM UP TO 54 INCHES WIDE

New!

1200 DPI

Direct Film Imaging

NO Darkroom

NO Processor

NO Chemicals



**Ultimate Prepress Solution
for the Screen Printing,
Sign and Banner, POP and
Corrugated Industries**

A QUICK LOOK

- 42 and 54" media widths
- 600 and 1200 dpi resolution
- Imaging of up to 6 inches per minute
- Closed Loop Registration (CLR) control
- Multi-Level Pulsing (MLP)
- Enhanced Nib Management (ENM)
- Chemistry, darkroom and processor-free
- Requires NO inks, toners, cameras or disposal costs
- Automatic media cutter
- In-house production control
- Simple, hands-off operation
- Low maintenance

OYO INSTRUMENTS, LP

The new high performance Liberator XE Wide-Format Thermal Imagesetters enable you to produce superb quality film separations right in your own shop—without a darkroom, without a processor and without chemicals. OYO helps you to deliver those more demanding jobs efficiently while producing full-size film up to 54 inches wide. That is about 4 times bigger than other conventional products currently on the market.

OYO Instruments' thermal imagesetter technology offers clear, compact, environmentally friendly solutions to artwork production, enabling you to eliminate outsourcing of large-format films and bring production control in-house. OYO's unique, chemistry-free, dry-imaging Thermolmpression® film requires absolutely no fixers, developers, inks or toners while providing UV densities that exceed industry standards.

The Liberator XE Series is built using OYO's latest innovative and proprietary technologies, including: Closed Loop Registration (CLR) control for accurate registration overlay, Multi-Level Pulsing (MLP) for superior dot quality, and Enhanced Nib Management (ENM) to provide smooth, high-quality images every time.

Liberator XE Thermolmpression Systems include a PostScript® interpreter that combines a state-of-the-art Win NT or Win 2000 system with Harlequin® ScriptWorks® RIP Management System. This forward thinking, trouble-free fully featured RIP is PostScript compatible and is fully compliant with PostScript LanguageLevel 3 specifications, the latest version of the PostScript page description language (PDL). Each system configuration also includes media saving functions and advanced super-cell and stochastic screening. Customize the software to your needs with color management, inkjet proofing, and trapping options.

The bottom line: accurate registration, higher performance, versatility and flexibility.

WIDE-FORMAT THERMAL IMAGESETTERS

OYO LIBERATOR™ XE

FILM UP TO 54 INCHES WIDE

SPECIFICATIONS

Printhead Configuration	Single-substrate, linear array
Printing Method	Direct thermal technology
Resolution	600 or 1200 dpi
Film Drive	Stepper motor
Paper Type	ThermImpression™ Proofing Media
Paper Length	200 foot roll
Film Type	ThermImpression™ Polyester Film
Film Length	180 or 200 foot roll
Optical Density (Film)	4.0 typical (UV)
Registration Accuracy	± 0.01 %*
Interface	USB v1.1 or Ethernet 10/100

*Measured at a length of 60 inches

OPERATING REQUIREMENTS

Voltage	115 or 220 VAC (Auto-switch)
Frequency	50-60 Hz
Power Usage	90 Watts idle mode 1,000 Watts plot/print mode
Temperature	Operating: 60° to 80° F (15° to 27° C) Storage/Shipping Range: 14° to 158° F (-10° to 70° C) Humidity: 5 to 95% non-condensing
Media Temperature	Operating: 60° to 80° F (15° to 27° C) Storage/Shipping Range: 14° to 86° F (-10° to 30° C) Humidity: 5 to 95% non-condensing



IMAGESETTER MODEL SELECTION CHART

Model	Liberator XE 4200	Liberator XE 5400
Media Width	42 in (106.68 cm)	54 in (137.16 cm)
Plot Width	41.81 in (106.20 cm)	53.76 in (136.55 cm)
Plot Rate	6 in/min	6 in/min
600 dpi	(15.24 cm/min)	(15.24 cm/min)
Plot Rate	3 in/min	3 in/min
1200 dpi	(7.62 cm/min)	(7.62 cm/min)
Height	11 in (27.9 cm)	11.25 in (28.6 cm)
Width	53 in (135 cm)	63 in (160 cm)
Depth	21 in (53.3 cm)	21 in (53.3 cm)
Net Weight	185 lb (84 kg)	232 lb (105 kg)

Specifications are subject to change without notice.

LIMITED WARRANTY

OYO Instruments, LP warrants this product (excluding printhead) to be free from defects in material and workmanship for a period of one year from date of shipment. The thermal printhead is warranted for a period of three months from date of shipment.

Thermal printhead warranty may be extended to a full year with the execution of a film supply contract.

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