

WIDE-FORMAT THERMAL IMAGESETTERS

TECHSETTER

FILM UP TO 14 INCHES WIDE

Direct Film Imaging



NO Darkroom
NO Processor
NO Chemicals

**High-Quality Film
Imagesetter for the
ScreenPrinting, Flexo
and Offset Industries**

A QUICK LOOK

- 14.25" media width
- 1200 dpi quality
- Up to 133 LPI
- Imaging of up to 10 inches per minute
- Closed Loop Registration (CLR) control
- Harlequin® RIP Driven
- Requires NO inks, toners, cameras or disposal costs
- Automatic media cutter
- USB interface
- In-house production control
- Simple, hands-off operation
- Low maintenance
- Mac or PC RIP options

OYO INSTRUMENTS, LP

The new OYO TECHSETTER™ Wide-Format Thermal Imagesetter gives pre-press departments an affordable, new wide-format film output solution delivering the highest quality available using direct thermal technology. Utilizing a new precision printhead, this device offers resolutions that provide output at up to 133 LPI. This new development also allows the TECHSETTER to realize print speeds up to 10 inches per minute. OYO's Closed Loop Registration (CLR) control ensures tight registration and delivers both accuracy and repeatability. The new TECHSETTER is capable of producing professional, on-demand, film separations right in your own shop—without a darkroom, without a processor and without chemicals.

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

The TECHSETTER ThermolImpression System includes either a Macintosh or Windows 2000 Harlequin PostScript® Level III software RIP solution. You can now easily transform your designs into film by printing directly to the RIP or have the software interpret files already in PDF, TIFF, JPG, PS, or EPS file formats. Each system configuration also includes media saving features, traditional postscript screening as well as stochastic screening algorithms. Depending on your needs, you can build a complete solution by adding trapping functions, inkjet proofing, and ICC profiling capabilities.

The bottom line: better image quality, fast and environmentally friendly.

WIDE-FORMAT THERMAL IMAGESETTERS

TECHSETTER

FILM UP TO 14 INCHES WIDE

SPECIFICATIONS

Printhead Configuration	Single-substrate, thin film linear array
Printing Method	Direct thermal technology
Resolution	600x600, 600x1200, 600x2400 dpi
Media Drive	Stepper motor
Paper Type	Thermolmpression™ Proofing Media
Paper Length	200 foot roll
Film Type	Thermolmpression™ Polyester Film
Film Length	200 foot roll
Optical Density (Film)	4.0 typical (UV)
Registration Accuracy	±0.01% or ±0.002 in/20 in or 0.05 mm/500 mm
Interface	USB

OPERATING REQUIREMENTS

Voltage	115 or 230 VAC (Auto-switch)
Frequency	50-60 Hz
Power Usage	30 Watts idle mode 475 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	TECHSETTER
Media Width	14.25 in (361.95 mm)
Plot Width	14.08 in (357.6 mm)
Plot Rate	600x600 10 in/min (254 mm/min) 600x1200 5 in/min (127 mm/min) 600x2400 3 in/min (76.2 mm/min)
Height	10.9 in (27.7 cm)
Width	23.5 in (59.69 cm)
Depth	20.5 in (52.1 cm)
Net Weight	72 lbs (32.7 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.

OYO Instruments, LP

7340 N. Gessner Road
Houston, Texas 77040 USA
Fax 713-937-1161
713-937-5800 • 1-800-747-7651
www.oyo.com
graphics@oyo.com

OYO Instruments, Europe

F3 Bramingham Business Park
Enterprise Way, Luton
Bedfordshire LU3 4BU
44 (0) 1582 573980
Fax 44 (0) 1582 574945
England
sales@oyo.co.uk

Harlequin™ and ScriptWorks™ are registered trademarks, and Harlequin Dispersed Screening™ and HDS™ are trademarks of Harlequin Group plc. PostScript® is a registered trademark of Adobe Systems Incorporated.

