

DSI Series

Computer to Screen Imaging System

OLEC

The DSI Series uses phase change ink jet head technology to provide unequalled print quality and imaging speed in a dependable production system.

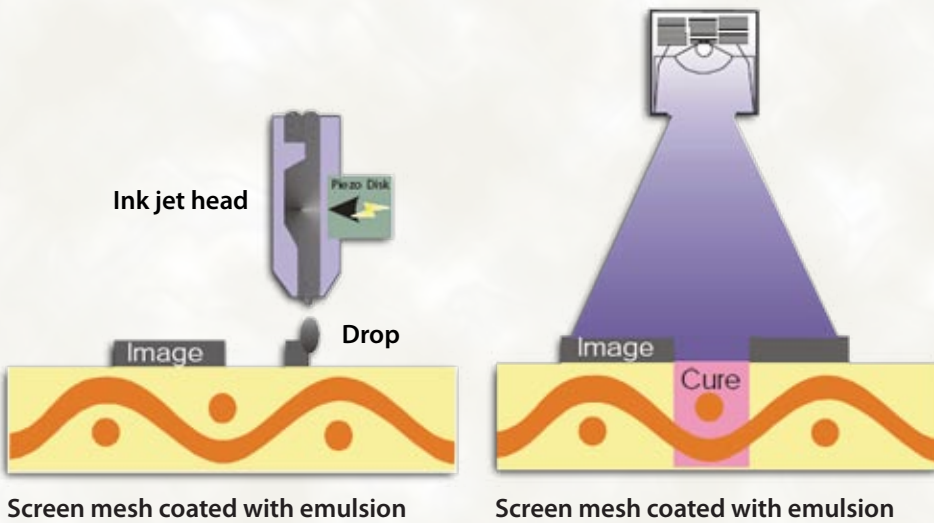
Highest Resolution

Print head technology with smaller drop size and solid ink technology enables imaging halftone frequencies up to 110 lpi. Sophisticated interlacing patterns assure smooth halftones and color transitions for the most demanding applications. The DSI operator can choose among several different settings for optimum image quality without compromising on throughput and consumable cost.

Reliability and Service

As Computer-To-Screen eliminates films and becomes an integral part of the digital workflow. The DSI is backed by a crew of trained service personnel providing support. Service is the essence of a long lasting relationship with our customers.

Just Mask and Expose



- Faster turn around times
- Reduced exposure times
- No image distortion
- Reduced handling
- Reduction in labor cost
- No more film



DSI Specifications

Front End	
Workstation operating systems:	MAC, PC, UNIX
Native application software:	Typical imaging software using Postscript file format: Photoshop, QuarkXPress, etc.
RIP	
Type:	Software
Processor speed and type:	Pentium (currently available Intel)
Hard drive size:	Variable depending on requirements
RAM (MB):	Variable depending on requirements
RIP manufacturer:	Adobe, Harlequin or any 1bit TIFF output
Screening:	Traditional, frequency modulated (FM)
Readable formats:	Postscript Level 3, EPS, TIFF, Gerber
Output Device	
Imaging Technology:	Solid ink, phase-change ink jet
LPI Halftone capability:	75/110 lpi
Resolution (dpi):	600 - 1200 dpi
Network:	Ethernet (standard) or custom
Ink type:	Water dispersable photo resist
Screen to screen registration:	Approx. 1/1000 inch
Imaging Speed (m2/min):	approx. 6 m2/h @ 1200 dpi, approx. 10 m2/h @ 600 dpi

Model	DSI 30	DSI 40	DSI 50	Units
Max Media	25" x 36"	30" x 40"	46" x 55"	Inch
	64 x 91	116 x 129	116 x 129	cm
Image Size	20" x 30"	30" x 40"	30" x 40"	Inch
	51 x 76	76 x 102	76 x 102	cm
Size	32 x 49 x 61	32 x 80 x 61	32 x 80 x 61	Inch (d,w,h)
	79 x 124 x 155	79 x 203 x 155	79 x 203 x 155	cm (d,w,h)
Weight	300 / 136	320 / 150	340 / 150	Lbs / kg
Voltage	120/220	120/220	120/220	Volts
	50/60	50/60	50/60	HZ
	15	15	15	amp
Compressed Air	Required	Required	Required	

Masking Media	Description	Qty
Model: DLX-1-KL	Masking Media	1 Kilo
Model: DHC-1-KT	Head Cleaning Kit	

OLEC

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