

UV-LED Screen Exposure System for Direct-to-Screen

EXPOSE DTS is a new UV-LED Screen exposure system designed specifically to compliment EXILE's **FREEStyler** Hybrid computer-to-screen system.

This space saving design serves as both a high quality exposure unit and a sturdy table top for your new DTS equipment. When a screen is finished printing, simply slide it into the enclosed tray, select one of 10 timed presets, and begin your exposure. The **FREEStyler** can be loaded and printing the next screen during the exposure for optimal productivity.

The **EXPOSE DTS** is fitted with powerful and reliable UV-LED's. These are laid out in an array to provide an even spread of UV light across the screen. The LED's have been specifically selected to provide the ideal wavelength to work with nearly any type of screen emulsion. The full LED array exposes the entire screen at once, ensuring quick and even curing of the emulsion.

As a stand, this equipment provides a level, solid base to ensure proper operation of the **FREEStyler**. Since it is on wheels, you can quickly and easily move the system to a different location when needed.

EXPOSE DTS supports a wide range of screen frame sizes up to 27 x 37 in.

Call EXILE today to find out how this affordable Computer-to-Screen and exposure system package can optimize your pre-press workflow.

EXPOSE *DTS*

- **No Glass or Vacuum:**
Designed for Computer-to-Screen
- **Special UV LED's for:**
Fast & Accurate Exposure
Longer Lamp Life
- **LCD Control Panel:**
10 Memory Presets
Fully Automatic Operation
- **Yellow Light:**
Inspection Mode



Optimized for the

FREEStyler

EXILE
TECHNOLOGIES

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EXPOSE *DTS*

Technical Specifications:

Model	EXPOSE DTS UV-LED Screen Exposure System
Screen Size (maximum)	27" x 37" 70 cm x 90 cm
Exposure System	UV-LED Bulbs - Full Array 9 Bulbs x 11 Rows 390 nm Wavelength
Power	1.15 KW, AC 220-230 V
Environment	50-70% relative humidity
Temperature	68F-86F (20-30C)
Weight	242 lbs (110 kg)
Dimensions (W x D x H)	37.6" x 51.2" x 41.4" (955 mm x 1300 mm x 1050 mm)



UV=LED Array



Digital Controls
10 Exposure Pre-Sets

TYPICAL EXPOSURE TIMES...

Pure Photopolymer: 30 sec to 1 minute

Dual Cure: 2 to 3 minutes

Diazo: 3 to 5 minutes

Speeds will vary depending on mesh counts and coating method

The Full array UV-LED's uses a total of 99 LED's to ensure full and consistent coverage of the Screen area.



Different types of emulsion use sensitizers that react to light at different wavelengths EXPOSE DTS uses UV-LED's that have a 'sweet spot' that is common to almost all types of emulsion sensitizer.

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