

# EXPOSE *DTS*

UV-LED SCREEN EXPOSURE  
SYSTEM FOR DIRECT-TO-SCREEN



**EXILE**  
TECHNOLOGIES

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

This space-saving design serves as both a high quality exposure unit and a sturdy table top for your new CtS system. When a screen is finished printing, simply slide it into the the under-counter tray and select one of the 10 memory timer settings to begin the exposure. Then load and print the next screen on the FREESTYLER to maximise productivity.

The EXPOSE DTS is fitted with powerful and reliable UV-LEDs, which are laid out to provide an even spread of UV light across the screen. The LEDs have been specifically selected to provide the ideal wavelength to work with nearly any type of screen emulsion.

#### NO GLASS OR VACUUM

- DESIGNED FOR COMPUTER-TO-SCREEN

#### SPECIAL UV LEDS

- ACCURATE AND EVEN EXPOSURE
- ENERGY EFFICIENT AND LONGER LAMP LIFE
- FAST EXPOSURE - UP TO 60 SCREENS AN HOUR

#### LCD CONTROL PANEL

- 10 MEMORY PRESETS
- FULLY AUTOMATIC OPERATION

#### YELLOW LIGHT

- INSPECTION MODE

#### ELIMINATE PINHOLES

- BETTER PRINT QUALITY

OPTIMISED FOR THE  
**FREE** *Styler*



Digital Controls with 10 x Memory  
Exposure Timer Presets

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. Set on wheels, the EXPOSE DTS can quickly and easily be moved as needed. EXPOSE DTS supports a wide range of screen frame sizes up to 41 x 30" (110 cms x 80 cms).

Different types of emulsions use sensitisers that react to light at different wavelengths. EXPOSE DTS uses UV-LEDs that have a 'sweet spot' that is common to almost all types of emulsion sensitisers.

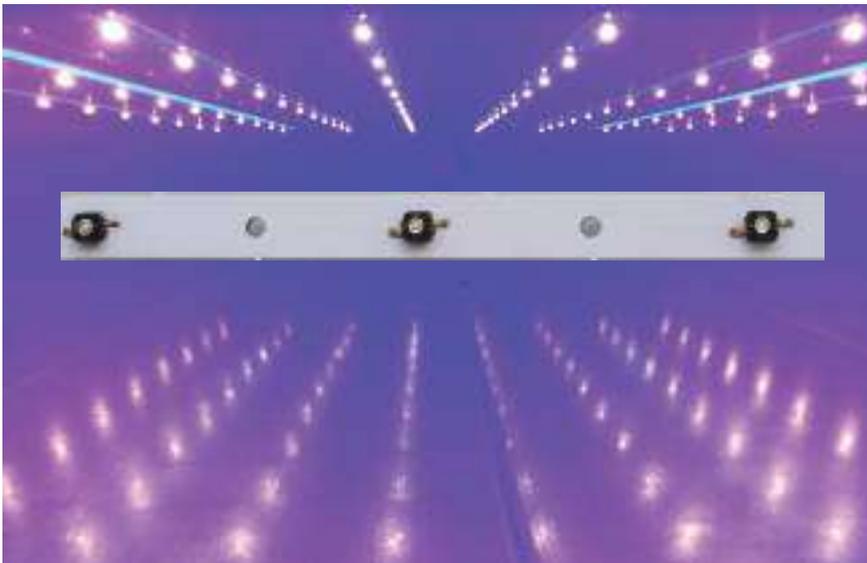
## TYPICAL EXPOSURE TIMES

Pure Photopolymer (SBQ)	10 secs to 1 minute
Dual Cure	1 to 3 minutes
Diazo	3 to 5 minutes

Speeds will vary depending on mesh counts and coating thickness

## TECHNICAL SPECIFICATIONS

Model	EXPOSE DTS UV-LED Screen Exposure System
Max Screen Size	41 in x 30 in (110cm x 80cm)
Exposure System	UV-LED Bulbs - Full Array, 9 Bulbs x 11Rows, 390 nm Wavelength
Power	1.15KW, AC 220-230 V
Environment	40-70% Relative Humidity
Temperature	68°F-86°F (20°C-30°C)
Weight	242 lbs (110kg)
Dimensions	37.6 in x 51.2 in x 41.5 in (955 mm x 1300 mm x 1050 mm)



The UV-LED Array uses a total of 99 LEDs to ensure full and consistent coverage of the screen area.



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