

EXPOSE DTS

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 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. Print and load the next screen during the exposure for optimal 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

- FAST & ACCURATE EXPOSURE
- LONGER LAMP LIFE
- 70 SQUARE FEET PER HOUR

LCD CONTROL PANEL

- 10 MEMORY PRESETS
- FULLY AUTOMATIC OPERATION

YELLOW LIGHT

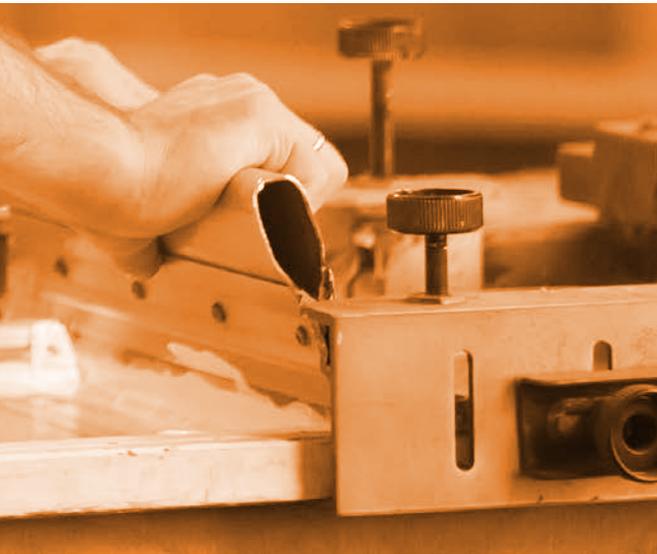
- INSPECTION MODE

ELIMINATE PINHOLES

- GET BETTER PRINT QUALITY



OPTIMIZED FOR THE
FREEstyler



Digital Controls
10 Exposure Pre-Sets

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 27 x 37 in.

Different types of emulsions use sensitizers 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 sensitizers.

TECHNICAL SPECIFICATIONS

Model	EXPOSE DTS UV-LED Screen Exposure System
Max Screen Size	27 in x 37 in (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, 110 V
Environment	50-70% Relative Humidity
Temperature	68°F-86°F (20°C-30°C)
Weight	242 lbs (110 kg)
Dimensions	37.6 in x 51.2 in x 41.4 in (955 mm x 1300 mm x 1050 mm)

TYPICAL EXPOSURE TIMES

Pure Photopolymer	30 seconds to 1 minute
Dual Cure	2 to 3 minutes
Diazo	3 to 5 minutes

Speeds will vary depending on mesh counts and coating method.



UV = LED Array

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

EXILE
TECHNOLOGIES

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