

# **EcoPRO** dts

## Direct to Screen Imaging System

The new **EcoPRO Direct to Screen** system from OYO Instruments is the latest innovation in screen making. This compact unit eliminates the need to coat, dry, expose, wash, and reclaim screens. Film and vellum are things of the past.

Not only does it cut several messy steps out of your production, but it also saves a tremendous amount of time. You can produce an imaged screen, ready for press, in under two minutes! The labor savings are incredible. It doesn't stop there. The **EcoPRO**dts includes a three point registration system, precisely locking in the frame, while our imaging head places multi-color work in the same location with pixel-point accuracy. This makes alignment on press a breeze, especially when using one of the many press registration systems available.

The **EcoPRO**dts system is driven by a high-end software RIP, giving you complete control over your output. You can preview jobs, queue them up, change their position on the screen, calibrate for dot gain, and much, much more. Not only that, but it's one of the fastest RIP's on the market, so your equipment won't be waiting idle for the next job to process.

Re-think the way you produce screens and help make your shop an eco-friendly business with the new EcoPro Direct to Screen system.



## FEATURES

### EASY TO USE

- SIMPLE TO LOAD AND OPERATE
- USER FRIENDLY TOUCH PANEL CONTROLS

### EXCELLENT IMAGE QUALITY

- 600 DPI PRINT QUALITY, HALFTONES TO 85 LPI
- SUPERIOR REGISTRATION ON MULTI-COLOR JOBS

### HIGH PRODUCTIVITY

- NO NEED TO COAT, EXPOSE, DRY, OR WASH
- FULL SIZE 23"X31" IMAGED IN LESS THAN 2 MINUTES

### EASY ON THE ENVIRONMENT

- AVOIDS THE USE OF CHEMICALS USED FOR SCREEN PREP
- PRE-COATED MESH IS FRIENDLY TO THE ENVIRONMENT

### ECONOMICAL

- ELIMINATES SEVERAL COSTLY LABOR STEPS
- MESH IS EQUIVALENT TO FILM COST

### FLEXIBLE

- ADJUSTABLE FOR MULTIPLE FRAME SIZES
- SUPPORTS STANDARD AND ROLLER FRAMES

**OYO** INSTRUMENTS, LP

Production minded, planet conscious.



## SPECIFICATIONS

### Model

EcoPROdts

### Resolution

600 dpi

### Maximum Frame Size

23" (W) x 31" (L) x 1.5" (D)

### Maximum Image Area

14" x 25"

### Imaging Speed

0.17" IPS / 10.2" IPM

### Connectivity

#### Host Computer

Mac OS 10.x

Windows 2000, XP

#### RIP (Raster Image Processor)

Harlequin® RIP

#### Data Formats

Postscript

Tiff

PDF

EPS

JPG

#### Inputs

USB 2.0

10/100 Ethernet

### Accuracy

±0.01% length accuracy

### Media

80, 100, 120, 200, 305 mesh counts

Additional mesh counts available in the future.

## OPERATING REQUIREMENTS

### Voltage

85-264 VAC (Auto-Switch)

### Frequency

50-60 Hz

### Power Usage

Idle Mode 25 Watts

Print Mode 650 Watts

### Temperature

Storage/Shipping -10°C to 70°C

14°F to 158°F

Operating

10°C to 30°C

50°F to 86°F

### Humidity

5% to 95% non-condensing

### Dimensions

28" (W) x 40" (D) x 12.5" (H)

### Weight

65 Lbs



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*Specifications are subject to change without notice.*