ScreenPRO 600

ADVANCED INKJET TECHNOLOGY

The ScreenPRO600 industrial Computer to Screen solution features higher resolution, superior image integrity, richer details and smoother halftone transitions, with an industrial, high output UV LED exposure system built in. **All at an incredible value.**
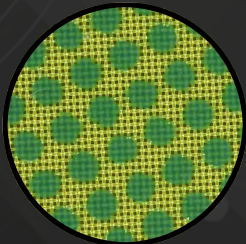
Exceptional Value

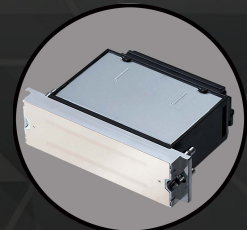Revolutionary On Board Exposure Unit

X4 Ink High Density Superior CTS Ink

Very High Quality Halftones

Minimal footprint

Compatible With All Pre-register Systems

Ricoh GEN6 High Resolution, Industrial Print head

ADVANCED INKJET TECHNOLOGY

ADVANCED INKJET TECHNOLOGY
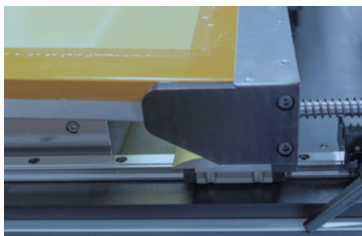
Advanced Inkjet Technology ScreenPRO600 CTS system, is a high speed, high resolution industrial computer to screen imaging system based on inkjet printing technology, that **directly generates and exposes** opaque images on emulsion-coated screens with UV-blocking ink so that users can reduce the time and effort required for screen making.
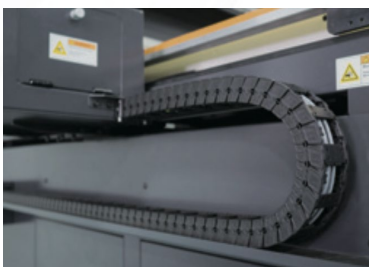
- **HighResolution.**
  Utilizing the advantages of higher resolution inkjet technology, AIT ScreenPro600 has the ability to print computer-to-screen images with richer details and smoother halftone transitions, which are superior to any other CTS System on the market.

- **Proprietary CTS Ink**
  The specially formulated UV-blocking ink also works well on**ALL**emulsions on the market. The AIT X4 ink is far more opaque and stable than any other product on the market.

- **Industrial LED Exposure system**
  Is much higher energy than any other LED exposure system on the market. This allows the use of any type of emulsion including PhotoPolymer, Dual Cures, and Diazo. The RIPprovides controll of both exposure speed and energy level.

- **High Efficiency**
  Images and exposes most screens in under 60 seconds.

- **Rapid ROI**
  Elimination of film positives. Litho film is becoming increasingly expensive, and the suppliers on the market are decreasing. One procedure of CTS digital screen making, replaces five procedures of the conventional process.

- **ColorPRINT** server RIP Software for an efficent workflow.

- **Adjustable Screen Holder** provides fast setup for screen frames up to 635mm x 914.4mm (25" x 36")

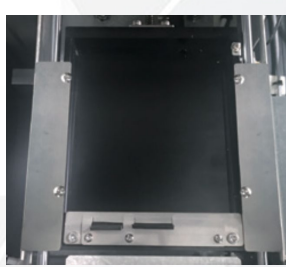- **PWC** Print head maintenance module allows automatic purging, wiping and capping

Adjustable Frame Fixture

Locating blocks

Moving Gantry Design

Print Head Maintenance Module